SulTRAC

February 5, 2010

Mr. Sam Chummar
Work Assignment Manager
U.S. Environmental Protection Agency (EPA)
77 West Jackson Boulevard (SR-6J)
Chicago, IL 60604

Subject: Oversight Summary for January 25 through January 28, 2010 (Week 3)
Plainwell Mill Site, Operable Unit No. 7 of
Allied Paper, Inc./Portage Creek/Kalamazoo River Superfund Site
Plainwell, Allegan County, Michigan
Remedial Action Contract (RAC) 2 No. EP-S5-06-02
Work Assignment No. 041-RSBD-059B

Dear Mr. Chummar:

SulTRAC has prepared the enclosed summary to document Phase II remedial investigation activities at the above-referenced site from January 25 through 28, 2010 (Week 3). Weyerhaeuser Company is the potentially responsible party for the site, and Conestoga-Rovers & Associates, Inc. (CRA), is its environmental contractor. Appendix A of this summary contains a photographic log of the investigation activities. Appendix B contains SulTRAC's field oversight notes. Appendix C contains SulTRAC's field sample log. Attachment 1 contains CRA's site maps with proposed sample locations.

If you have any questions about the enclosed summary, please call me at (312) 201-7491.

Sincerely,

Jeffrey J. Lifka
Project Manager

Enclosure

cc: Norvelle Merrill-Crawford, EPA Contracting Officer (letter only)
Ron Riesing, SulTRAC Program Manager
File

1 S. Wacker Drive, 37th Floor, Chicago, IL 60606
Tel 312.201.7700 Fax 312.201.0031

ENCLOSURE

OVERSIGHT SUMMARY
FOR JANUARY 25 THROUGH JANUARY 28, 2010 (WEEK 3)
PLAINWELL MILL SITE
PLAINWELL, ALLEGAN COUNTY, MICHIGAN

(Seven Pages)

OVERSIGHT SUMMARY
FOR JANUARY 25 THROUGH JANUARY 28, 2010 (WEEK 3)
PLAINWELL MILL SITE
PLAINWELL, ALLEGAN COUNTY, MICHIGAN

SulTRAC Oversight Personnel: Kristi Root and Tracey Koach
Reporting Period: January 25 through 28, 2010 (Week 3)

INTRODUCTION

As requested by the U.S. Environmental Protection Agency (EPA) under contract number EP-S5-06-02 and work assignment number 041-RSBD-059B, SulTRAC conducted oversight and split sampling for Phase II of the Remedial Investigation (RI) for the Plainwell Mill Site, Operable Unit No.7 of the Allied Paper, Inc./Portage Creek/Kalamazoo River Superfund Site in Plainwell, Michigan. Weyerhaeuser Company (Weyerhaeuser) is the potentially responsible party (PRP) for the site. Conestoga-Rovers & Associates, Inc. (CRA) is the environmental consultant to Weyerhaeuser.

As requested by EPA, SulTRAC began oversight activities at the site on January 11, 2010. This report summarizes SulTRAC's oversight activities and documentation of the PRP's Phase II activities during Week 3 of the RI from January 25 through 28, 2010; issues and developments that arose during the oversight activities; and future activities. Appendix A contains a photographic log of Week 3's site activities, including Photographs 1 through 8. Appendix B contains a copy of SulTRAC's field oversight notes. Appendix C contains SULTRAC's field sample log. Attachment 1 contains CRA's site maps with proposed sample locations.

RI ACTIVITIES

During the third week of RI oversight activities conducted from January 25 through 28, 2010, SulTRAC observed CRA advancing soil borings and excavating test pits. CRA maintained two subsurface investigation crews on site. One drilling crew advanced soil borings throughout the week. The excavation crew excavated test pits Monday and half of Tuesday. Also, the drilling rigs were owned and operated by CRA.

During Week 3, CRA advanced 29 soil borings (SB-121, SB-123, SB-125, SB-126, SB-127, SB-129, SB-130, SB-131, SB-132, SB-133, SB-134, SB-135, SB-136, SB-137, SB-138, SB-139, SB-140, SB-141, SB-201, SB-202, SB-203, SB-204, SB-301, SB-302, SB-309, SB-310, SB-311, SB-312, and SB-321); and excavated eight test pits (Test Pit-308, 309, 310, 311, 312, 313, 314, and 315). Samples collected by CRA and SulTRAC during week 3 include: 81 subsurface soil samples (CRA) with 22 split samples (SulTRAC), in addition to three duplicates and one matrix spike/matrix spike duplicate (MS/MSD) (SulTRAC). Details for soil samples collected by CRA and SulTRAC are summarized in Appendix C. Sample locations are provided in CRA figures found in Attachment 1.

CRA collected soil samples from test pits and soil borings for analysis for volatile organic compounds (VOC), semi-volatile organic compounds (SVOC), polychlorinated biphenyls (PCB), metals, Synthetic Precipitation Leaching Procedure (SPLP) metals, and general chemistry parameters, in addition to cyanide for selected soil borings. SulTRAC collected soil samples from soil borings and test pits for analysis for VOCs, SVOCs, PCBs, metals, and cyanide. SulTRAC hand delivered soil samples to be analyzed for cyanide and metals (including SPLP cyanide and metals) to its subcontractor laboratory, TriMatrix Laboratories, Inc. (TriMatrix) in Grand Rapids, Michigan. SulTRAC shipped all other split samples by overnight courier to an EPA Contract Laboratory Program (CLP) laboratory.

Monday, January 25, 2010

At 8:00 a.m., SulTRAC representatives Kristi Root and Tracey Koach arrived on site. The weather was overcast, with temperatures in the low 30s degrees Fahrenheit (°F). CRA personnel on site included one drill crew (Geoprobe), one excavation crew, and three field technicians (David Rivers, Corrie Bondy, and Evan Varnas). The field project coordinator, Jodi Dembowske, was on site infrequently throughout the day. Prein & Newhof, a survey company hired by CRA, was on site periodically to locate monitoring

wells, test pits and soil borings. CRA collected soil borings and test pit soil samples for analysis for VOCs, SVOCs, PCBs, metals, SPLP metals, and general chemistry parameters, in addition to cyanide for selected soil borings. SulTRAC collected split soil samples from soil borings and test pits for analysis for VOCs, SVOCs, PCBs, metals, cyanide, and SPLP metals and SPLP cyanide. Details involving sample identification and sample times are provided in Appendix C.

At 8:55 a.m., the drilling crew started soil boring advancement in Area 1 at SB-130 to 20 feet below ground surface (bgs). Two samples were collected by CRA at this location: one from the 0- to 1-foot bgs interval and one from the 12.5- to 14.5-foot bgs interval; in addition, CRA collected a duplicate from the 12.5- to 14.5- foot bgs interval. SulTRAC did not collect any split samples at this location. At 9:55 a.m., CRA re-sampled from the 7.5- to 9.5-foot bgs interval at SB-126 because the original sample had broken in shipment. SulTRAC had collected a split sample with the original sample, and therefore re-sampled. At 10:40 a.m., the drilling crew advanced SB-131 to 20 feet bgs and collected two samples: one from the 0- to 1-foot bgs interval and one from the 6- to 8-foot bgs interval, where additional volume was collected for a MS/MSD. SulTRAC did not collect a split sample. At 11:20 a.m., the drill crew collected three samples at SB-129: one from the 0- to 1-foot bgs interval, one from the 6- to 8-foot bgs interval, and one from the 8- to 10-foot bgs interval. SulTRAC collected a split sample from the 6- to 8-foot bgs interval. At all soil boring locations where SulTRAC split with CRA, the soil was evenly dispersed among all sampling jars (see Photograph No. 1 in Appendix A), and VOC samples were collected alternatively—one CRA VOC sample and then one SulTRAC VOC sample. At 11:30 a.m., the drilling crew broke for lunch.

At around 8:50 a.m., the excavation crew began excavating in Area 3 at Test Pit 308 to 8.5 feet bgs (see Photograph No. 2 in Appendix A). Excavation equipment used was a Komatsu (Avance PC200) excavator with a 4-foot-wide, 3-foot-deep bucket. CRA collected three samples: one from the 0- to 1-foot bgs interval, one from the 1- to 2-foot bgs interval, and one from the 4- to 6-foot bgs interval. SulTRAC collected a split sample at Test Pit 308 from the 4- to 6-foot bgs interval. After CRA backfilled Test Pit 308, the excavation crew began excavating Test Pit 315 to 6.5 feet bgs in Area 3. CRA collected two samples, one each from the 0- to 1-foot bgs and the 4- to 6-foot bgs intervals. SulTRAC did not collect a split sample. CRA was to analyze the samples collected from Test Pit 308 and Test Pit 315 for cyanide. At 11:15 a.m., the excavation crew began excavation of Test Pit 309 to 8 feet bgs. CRA collected three samples: one each from 0- to 1-foot bgs, 3- to 4-foot bgs, and 6- to 8-foot bgs intervals. Additional volume was collected from the 6- to 8-foot bgs interval for a MS/MSD. SulTRAC collected a split sample from the 3- to 4-foot bgs interval. CRA backfilled Test Pit 309 before breaking for lunch.

At 12:15 p.m., the drilling crew advanced SB-127 to 20 feet bgs and collected three samples: one from the 0- to 1-foot bgs interval, one from 6.5- to 8.5-foot bgs interval, and one from the 10.5- to 12.5-foot bgs

interval. SulTRAC collected a split sample from the 10.5- to 12.5-foot bgs interval. At 1:35 p.m., the drilling crew advanced SB-125 to 20 feet bgs and collected samples at 0- to 1-foot bgs, 3- to 5-foot bgs, and 9.5- to 10- foot bgs intervals, in addition to a duplicate sample collected from the 3- to 5-foot bgs interval. SulTRAC did not collect any split samples from SB-125. At 3:00 p.m., the drilling crew advanced SB-123 to 20 feet bgs and collected two samples: one each from the 0- to 1-foot bgs and 7- to 9-foot bgs intervals. SulTRAC collected a split sample from the 7- to 9-foot bgs interval. At 3:50 p.m., the drilling crew advanced SB-121 to 20 feet bgs and collected three samples: one each from 0- to 1-foot bgs, 1- to 3-foot bgs, and 11- to 13-foot bgs intervals. SulTRAC collected a split sample from the 0- to 1-foot bgs interval. At 4:35 p.m., the drilling crew advanced SB-132 to 20 feet bgs and collected samples from the 0- to 1-foot bgs and 8- to 10-foot bgs intervals. SulTRAC did not collect a split sample.

At 1:10 p.m., the excavation crew began excavation activities at Test Pit 314 and collected three samples: one each from 0- to 1-foot bgs, 6- to 8-foot bgs, and 10- to 11-foot bgs intervals. SulTRAC did not collect a split sample from Test Pit 314. At approximately 2:40 p.m., the excavation crew began filling Test Pit 314 and mobilizing to Test Pit 312. Test Pit 312 was excavated to 7 feet bgs, and two samples were collected: one from the 0- to 1-foot bgs interval and one from the 5- to 7-foot bgs interval; in addition, a duplicate sample was collected from the 5- to 7-foot bgs interval.

Following completion of SB-132 and back filling of Test Pit 312, CRA discontinued drilling and excavation activities, and prepared samples for shipment. SulTRAC left the site at 5:00 p.m.

Tuesday, January 26, 2010

At 8:00 a.m., SulTRAC representatives Kristi Root and Tracey Koach arrived on site. The weather was overcast, 25 °F, and snowing. CRA personnel on site included one drill crew (Geoprobe) and an excavator, three field technicians (David Rivers, Corrie Bondy, and Evan Varnas), and the field project coordinator (Jodi Dembowske). The field project coordinator was on site infrequently throughout the day. Prein & Newhof, a survey company hired by CRA, was on site periodically to locate monitoring wells, test pits, and soil borings. CRA collected soil samples from test pits and soil borings for analysis for VOCs (see Photograph No. 3 in Appendix A), SVOCs, PCBs, metals, SPLP metals, and general chemistry parameters, in addition to cyanide for selected soil borings. SulTRAC collected split soil samples from soil borings and test pits for analysis for VOCs, SVOCs, PCBs, metals, cyanide, and SPLP metals and cyanide. Details involving sample identification and sample times are provided in Appendix C. Test pit excavations for the three remaining tests pits were completed by mid-day and Tracey Koach started processing samples for the day.

CRA had one crew operating an excavator for test pit investigations and a second crew conducting subsurface investigations through use of a Geoprobe. At 8:30 a.m., the excavator mobilized to Test Pit 313 and excavated to 9 feet bgs. CRA collected three samples: one from the 2- to 4-foot bgs interval, one from the 4- to 6-foot bgs interval, and one from the 8- to 9-foot bgs interval. CRA collected a duplicate from the 4- to 6-foot bgs interval. SulTRAC also collected a split sample from the 8- to 9-foot bgs interval. At approximately 9:50 a.m., the excavation crew finished backfilling Test Pit 313 and mobilized to Test Pit 311. Test Pit 311 was excavated to 6 feet bgs, and CRA collected one sample each from the 0- to 2-foot bgs and 4- to 6-foot bgs intervals. SulTRAC did not collect a split sample from Test Pit 311. After backfilling Test Pit 311, the excavation crew mobilized to Test Pit 310 at 11:25 a.m. Test Pit 310 was excavated to 10 feet bgs, and CRA collected samples from the 1- to 2-foot bgs and 8- to 10-foot bgs intervals. SulTRAC collected one sample from the 1- to 2-foot bgs interval, as well as an additional volume at this interval for a duplicate. At 12:30 p.m., the excavation crew completed filling Test Pit 310 and started cleaning up excavation equipment, as Test Pit 310 had been the last test pit.

At 8:50 a.m., the drilling crew advanced their first soil boring at SB-133 to 20 feet bgs. At SB-133, CRA collected one sample each from the 0- to 1-foot bgs and 7- to 9-foot bgs intervals, a duplicate at the 7- to 9-foot bgs interval, and additional volume from the 0- to 1-foot bgs interval for a MS/MSD. The drilling crew continued to advance soil borings to 20 feet bgs for the remainder of the day. For the day, CRA had advanced eight soil borings, collected 16 samples, and collected three additional duplicate samples. SulTRAC had collected five split samples for the day.

At 4:15 p.m., CRA completed soil sampling for the day. At 5:00 p.m., SulTRAC left the site to deliver the samples for metals and cyanide analyses to TriMatrix in Grand Rapids and also ship CLP samples by FedEx. CRA also left at 5:00 p.m.

Wednesday, January 27, 2010

At 8:00 a.m., SulTRAC representative Kristi Root arrived on site. Tracey Koach was on site frequently throughout the day but mostly prepared samples for shipment off site. The weather was overcast and 22 °F with light snow flurries and 10 to 15 miles per hour (mph) winds. CRA personnel on site included one drill crew (Geoprobe), two field technicians (David Rivers and Corrie Bondy), and the field project coordinator, Jodi Dembowske, who was on site infrequently throughout the day. CRA collected soil samples from soil borings for analyses for VOCs (see Photograph No. 4 in Appendix A), SVOCs, PCBs, metals, SPLP metals, and general chemistry parameters, in addition to cyanide for selected soil borings. SulTRAC collected split soil samples from soil borings for analyses for VOCs, SVOCs, PCBs, metals, cyanide, and

SPLP metals and SPLP cyanide. Details involving sample identification and sample times are provided in Appendix C.

At 8:25 a.m., the drilling crew started to advance SB-139 to 20 feet bgs. The drilling crew continued to advance soil borings to 20 feet bgs for the remainder of the day. For the day, CRA advanced eight soil borings, collected 17 samples, and collected three additional duplicate samples. SulTRAC collected five split samples in addition to one duplicate sample for the day. Soil borings SB-321 and SB-301 were offset less than 5 feet from the originally proposed locations to avoid utilities (see Photograph No. 5 in Appendix A). For surface samples (0- to 1-foot bgs) where an MS/MSD was collected, CRA used a silver spoon to fill an aluminum foil-lined bowl to obtain additional volume. VOC samples were still collected from soil boring liners. At SB-203, from sample interval 5- to 6-foot bgs, a white, soft, silty to clay material was found (see Photograph No. 6 in Appendix A).

At approximately 3:00 p.m, the weather became windy with heavy snow flurries. At 4:00 p.m., CRA completed soil sampling for the day. At 4:45 p.m., SulTRAC and CRA left the site for the day.

Thursday, January 28, 2010

At 8:00 a.m., SulTRAC representative Kristi Root arrived on site. Tracey Koach was on site frequently throughout the day but mostly prepared samples for shipment off site. The weather was overcast and 14 °F with gusty winds of 20 to 25 mph and a wind chill of -2 °F. Three to 4 inches of snow had accumulated overnight. CRA personnel on site included one drill crew (Geoprobe), two field technicians (David Rivers and Corrie Bondy), and the field project coordinator, Jodi Dembowske, who was on site infrequently throughout the day. CRA collected soil samples from soil borings for analyses for VOCs, SVOCs, PCBs, metals, SPLP metals, and general chemistry parameters, in addition to cyanide for selected soil borings. SulTRAC collected split soil samples from soil borings for analyses for VOCs, SVOCs, PCBs, metals, cyanide, SPLP metals and SPLP cyanide. Details involving sample identification and sample times are provided in Appendix C

At 8:30 a.m., the CRA drilling crew began advancing SB-311 to 20 feet bgs (see Photograph No. 7 in Appendix A). The drilling crew continued to advance soil borings to 20 feet bgs for the remainder of the day. For the day, CRA advanced four soil borings, collected seven samples, and collected one additional duplicate sample. SulTRAC collected two split samples, in addition to one duplicate sample for the day. Due to cold temperatures, parts of the Geoprobe were freezing and had to be thawed out by a propane blow torch. Soil samples located within the water table were freezing once the liners were opened.

At 11:15 a.m., the CRA drilling crew started SB-312. Five attempts within a 3-foot offset of the original location at SB-312 proved unsuccessful, as all five attempts encountered refusal between 3.5 and 4.5 feet bgs (see Photograph No. 8 in Appendix A). Because utilities cleared only a 3-foot offset, CRA collected only a surface sample and did not try to drill deeper outside of the cleared 3-foot offset.

At 11:40 a.m., CRA completed the last soil boring for the site. CRA was to package samples, decontaminate the Geoprobe, prepare it for transportation, and leave the site for the week. SulTRAC left the site at 12:00 p.m. to prepare samples for delivery. At 1:25 p.m., SulTRAC returned to the site. The only CRA staff remaining was the drill crew, preparing to load up the Geoprobe for transportation. After checking on the site, SulTRAC departed the site to deliver samples to TriMatrix in Grand Rapids and also to ship CLP samples by FedEx.

ISSUES AND DEVELOPMENTS

CRA offset some soil borings due to the presence of underground utilities. The soil borings were offset no more than 5 feet in the direction deemed least hazardous away from the utilities. This minor change in some sample boring locations should have no effect on the sample quality.

CRA was able to collect only a surface sample at SB-312. A 3-foot offset was cleared by the utilities, and CRA's drilling crew advanced five attempts within this 3-foot offset; the crew encountered refusal during all five attempts at depths ranging between 3.5 to 4.5 feet bgs. CRA did not want to move into an offset area that had not been cleared by utilities, and thus collected only a surface sample.

During Week 3, CRA continued to collect fewer samples than originally anticipated due to encounters with a higher than expected water table during drilling and sampling activities. Also, a change in soil boring sampling procedures (to achieve a more efficient process for collecting samples for VOC analysis)—noted in this section of the Week 1 and Week 2 oversight reports—carried over to Week 3 sampling as well.

FUTURE ACTIVITIES

As requested by EPA, SulTRAC will continue performing oversight and split sampling activities until the Phase II RI is complete. SulTRAC will submit weekly summary reports to EPA for the duration of the Phase II RI field activities.

APPENDIX A

SULTRAC PHOTOGRAPHIC LOG

(Four Pages)

Photograph No. 1 Location: Plainwell Mill Site
Orientation: Overview Date: January 25, 2010
Description: Conestoga-Rovers & Associates, Inc. (CRA) splitting soil sample among all sample jars at SB-121.

Photograph No. 2 Location: Plainwell Mill Site
Orientation: Southeast Date: January 25, 2010
Description: Beginning excavation of Test Pit 308.

Photograph No. 3 Location: Plainwell Mill Site
Orientation: Overview Date: January 26, 2010
Description: Collecting a sample for volatile organic compounds (VOC) analysis from the excavator bucket at the Test Pit 308.

Photograph No. 4 Location: Plainwell Mill Site
Orientation: North Date: January 27, 2010
Description: CRA and SulTRAC splitting VOC samples at SB-139.

Photograph No. 5
Orientation: East
Description: Offset of SB-301 due to utilities.

Location: Plainwell Mill Site
Date: January 27, 2010

Photograph No. 6
Orientation: Overview
Description: White, silty to clay material found in the 5- to 6-foot below ground surface (bgs) interval of SB-203.

Location: Plainwell Mill Site
Date: January 27, 2010

Photograph No. 7 Location: Plainwell Mill Site
Orientation: Northeast Date: January 28, 2010
Description: CRA advancing SB-311.

Photograph No. 8 Location: Plainwell Mill Site
Orientation: Overview Date: January 28, 2010
Description: CRA advancing one of five attempts for SB-312, encountering refusal within 5 feet bgs here and at the other four positions.

APPENDIX B

SULTRAC OVERSIGHT FIELD NOTES

(19 Sheets)

"Rite in the Rain"®
ALL-WEATHER
FIELD
No. 351

Plainwell Mill
RI Oversight

1-11-2010 →

Book 1

Plainwell Well (week 3) 1/25/10

0800 SulTRAC onsite, CRA already present
weather 32°F, 10-15 mph winds
0830 Prem & Newof - survey crew
hired by CRA onsite to survey
soil boring and monitoring well
0845 - CRA finished setting up for day
- one crew started on test pits
- second crew started soil boring
0855 - CRA staff w/soil boring
Corrie Bondy, Evan Vaines,
Tony Gethyn, Jason Hutchinson
- started SB-1B0
0-1 topsoil
1-5 - clay with sand fill
5-15 - sandy fill - water table @ 14'
0-1
12.5-14.5 } sample intervals
0915 Photo log 0915 - SB130
SO-56394-CB-012510-126 → 0-1'
15-20' native - gravel/sand
higher PID - 12-14' 1.6
925 SO-56394-CB-012510-127 12.5-14.5
930 SO-56394-CB-012510-128 Dup 12.5-14.5

1-25-10

Plainwell Mill 01/25/10

CRA resample SB-126 because sample broke in shipment → 7.5-9.5'

955 SO-56394-CB-012510-129 7.5 9.5'

955 S-SO-56394-CB-012510-129 7.5 9.5'

1020 · Started on SB 131

0-0.5 · topsoil - debris

0.5-8.5 - clay/sandy fill loose brown moist

8.5-9.5 · sandfill

9.5-10.5 Sand (natural)

10.5-15 · Gravel/sand

15-20 - gravel/sand

8' water table PID higher @ 1'/1.5

1040 SO-56394-CB-012510-130 0-1'

1045 SO-56394-CB-012510-131-MS/MSD 6-8'

1050 - Started SB-129

1111 · Photo log · SB129

1120 SO-56394-CB-012510-132 0-1'

1125 " " -133 6-8'

1130 " " -134 8-10'

1125-S-SO-56394-CB-0125-133 · 6-8' · split

0-0.5 · topsoil

0.5-7 · clay fill w/ paper residue · moist

7.5 · paper residue

7.5-9.5 sandfill

Kristen 1/25/10

Plainwell Mill 1/25/10

1120 - SB 129 - continued -

9.5-9.7 concrete debris

9.7-10 sand fill fine to coarse

10-15 - sand (natural)

1130 - SWTRAC offsite - lunch + CRA

1200 · SWTRAC and CRA · onsite

1210 - Started SB-127

0-0.75 topsoil

1-1.25 - gravel (fill) + fine grained

1.25-4.7 - sand (fill) f to c grained

4.7-5 · loose to compact " "

5-8 w/ cobble fragment " "

8-8.25 · inc. in paper residue " "

9.0-9.5 - f to c grained / w fine gravel

10 · trace paper

12.5 wet Highest PID = 1.0

13.5-20 - sand + gravel natural f to c sand / gravel

1245 - SO-56394-CB-012510-135 0-1'

1250 " " -136 6.5'-8.5'

1255 " " -137 10.5-12.5'

1255-SO-56394-CB-012510-137 10.5-12.5' split

1310 · Weather · snow flurries + overcast

Kristen 1-25-10

Plainwell Mill 1-25-10

1310 - Started SB-125
0 TOPSOIL
0.5-2.5 - SAND(FILL) f to m grained
2.5 - concrete debris
3.0-7 - Sand (Fill) w/ paper debris coal/glass TR. f-gravel
7-9.25 cobble fragments
9.25-15.5 SAND(FILL)
15.5-20 - SAND-GRAVEL (NAT)

1335 - SO-56394-CB-012510-138 0-1'
1340 SO-56394-CB-012510-139 3-5'
1345 SO-56394-CB-012510-140 (DUP) 3-5'
1350 SO-56394-CB-012510-141 9.5-10'

1445 KE water table @ 10'
~~1555~~ - Started SB-123
1500 SO-56394-CB-012510-142 0-1'
1505 SO-56394-CB-012510-143 7-9'
1505 S-SO-56394-CB-012510-143 7-9' split

0-11 SAND(FILL) ~~f to c gravel~~ KE grained tr f gravel
7.0 - trace cobble fragments
8.5 - trace clay
8.9.0 - wet
11-15 Gravelly sand (NAT)
15-20 Gravel (NAT)

4/25/10

Plainwell Mill site 1/25/10

1530 - Started SB-121
1550 SO-56394-CB-012510-141 0-1'
1555 SO-" "-145 1-3'
1600" "-146 11-13'
1550 S-SO-56394-CB-012510-144 0-1' split

0-0.25 TOPSOIL
0.25-9.5 - SAND(FILL) f grained, f to c gravel w/ paper residuals
4.5-5 - gravel/coal " "
9.5-9.7 - concrete debris
9.7-13 - SAND (FILL) compact brown moist
13-20 - SAND (NAT) water @ 13'
~~1535~~ 1558 - Photolog - CRA dividing samples
PID highest 1.4 - 10-12'

1610 - Started SB-132
1635 SO-56394-CB-012510-147 0-1'
1640 SO-56394-CB-012510-148 8-10'

0.25-9.0 - sand (FILL) f grained, tr f to c gravel loose brown moist
1.25 - orange brick debris
1.4 - no orange brick
9-9.15 - paper residuals
9.15-10 - Sand (FILL) f to c grained, w/ f to c gravel
10-20 - sand + gravel (NAT) c. sand
9.9 - water table - PID 1.2 - 10-12'

1-25-10

Plainwell Mill Site 1/25/10

1700 - SulTRAC & CRA leaving site

Week 3 - day 1 summery:

Soil boring:

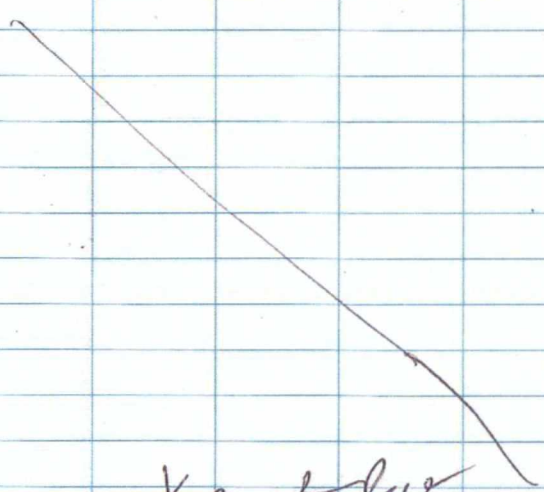
CRA = 21

SulTRAC = 5

Test Pit

CRA = 12

SulTRAC = 3



Kurt Rue

1-25-10

Plainwell Mill Site 1-26-10

0800 SulTRAC onsite CRA already onsite

0830 Start SB-133

0800 backcircle Preiner Newhof onsite to survey well + borings

0830 Staff CRA doing soil borings C. Bondy, Evan Varnes, Tony Gelbys, Jason Hushman

- Weather - 25°F snowing 10-15 mph winds, overcast

0850 - SB-133 soil log

0900	SO-56394-CB-012610-150	MS/MSD 0-1'
0905	SO-56394-CB-012610-149	7-9'
0910	SO-56394-CB-012610-151	DUP 7-9'

Poor recovery from SB-133

0.25-4- sand (Fill) f to c grained

4.3-9 sand w/ clay

9.0 Clay (Fill)

9.0 - NAT (sand w/ gravel

Very Poor recovery - some kind of void

0935 Started SB-137

1015	SO-56394-CB-012610-152	0-1'
1020	SO-56394-CB-012610-153	8-10'
1020	S-SO-56394-CB-012610-153	8-10' split

Kurt Rue 1-26-10

Plainwell Mill 1-26-10

SB-137 Soil log

0.25-10 Sand (Fill) f grained, tr f to C gravel/coal loose to compact, brown moist

4.5 orange brick debris

15-20 Sand (Nat) c gravel

10 - wet

Highest PID 1.2

1030 Started SB-135

0-5 - sand (Fill) f. grained f to c gravel, tr cobble, brown, moist

5-10 Sand (Fill) f. grained, f to c gravel & clay compact, brown moist

10-(NAT) Sand m to c w/f gravel

1.5 - Orange brick

10 - wet

1105 SO-S6394-CB-012610-154 0-1'

1110 " "-155 8-10'

1215 started SB-136

0-9.85 - Sand (Fill) f grained w/f to c gravel loose brown moist

3 - lots of compact TR clay

4.9 - TR cobby

8-10 TR paper residual

1-26-10

Plainwell Mill 1-26-10

1230 SB-136 soil log continued -

9.0 - glass debris

9.95-10.5 - cobble fragments

10.5-20 - SAND (NAT) w/gravel f to c sand f to c gravel

10.5 - wet

1240 SO-S6394-CB-012610-156 0-1'

1245 " "-157 0-1' Dup

1250 SO- "-158 8-10'

1250 S-SO-S6394-CB-012610-158 8-10' split

1315 - started - SB-134 wet @ 3.5'

1340 SO-S6394-CB-012610-159 0-1'

1345 SO-S6394-CB-012610-160 1.5-3.5'

1345 S-SO-S6394-CB-012610-160 1.5-3.5' split

0-3.5 Sand (Fill) F grained w/f to c gravel, tr. clay loose brown moist

3.5 wet - f to c grained

5-5.5 cobble fragments

5.5 15 - Sand (NAT) m to c grained f to c gravel

15-16 - Gravel (NAT) 16-20 same as 5.5

1-26-10

Plainwell Mill 1-26-10

1415 Started SB-140

1430 SO-56394-CB-012610-161 0-1'
1435 SO-56394-CB-012610-162 8-10'
1440 SO-56394-CB-012610-163 8-10' dup

0-7.5 to 10 - SAND (FILL) f grained w/ f to c gravel loose to compact brown moist
3.0 trace m to c gravel
9.0 - f to m grained w/ c grained gravel
9.5 TR. cobble
10-11.5 - gravel (NAT) f to c gravel mix sand
15-20 SAND (NAT) - m to c grained w f to c gravel loose brown wet
10' wet 2.0 highest PID 16.18

1445 Start SB-138

1515 SO-56394-CB-012610-164-MS/MSD 0-1'
1520 SO-56394-CB-012610-165 8-10' dup
1520 S-SO-56394-CB-012610-165 8-10 split

0-7.5 - Sand (Fill) fine sands - brown compact
1.5 concrete
7.5 - 10 fine to coarse sand
10-wet 10-18 - coarse sand w/ fine to coarse gravel 18-20 - f to c. sand

1-26-10

Plainwell Mill (week 3) 1-26-10

1517 - Photo log (NoM) - removing liner for 0-5' @ SB-138
1525 - Photo log (SE) CRA dividing up sample between CRA/SulTRAC SB-138 SO-56394-CB 012610 165 8-10'
1528 - 3-Photo's removing 0-1' from liner & adding to mixing bowl
1535 - Soil boring - SB-141
0-7.5 - Sand (Fill) f-grained trace cobble
7.5-8 - rock
8-11 Sand (Fill) fine to coarse
11-wet
11-20 - gravelly sand (NAT) m to c grained

1610 SO-56394-CB-012610-166 0-1'
1615 SO-56394-CB-012610-167 9-11'
1610 S-SO-56394-CB-012610-166 0-1' split

1-26-10 Summary

Soil borings	Test Pits
CRA = 16	CRA = 7
SulTRAC = 5	SulTRAC = 2

1700 - SulTRAC + CRA left site

1-26-10

Plainwell Mill (Week 3) 1-27-10

USED SUMTRAC onsite - CRA already present
Weather 17°F light flurries 10-15 mph winds
CRA staff present - Corrie Bondy, J. Hurshman, David Rivers.
Only soil boring crew present
0825 Started SB-139
0-5 Sand (Fill) - f grained compact brown
3 - red brick debris
~~5-15 sand ICR~~
5-8.5 - Sand (Fill) med to f sand w/ gravel f to c grained wet - 8.5
8.5/10-15 (NAT) sand/gravel m to coarse grained w/ cobbles
15-20 - gravel - med to c w/ cobbles

0900	S-SO-56394-CB-012710-168	0-1'
0900	SD-SO-56394-CB-012710-168	0-1' dup
0905	SO-56394-CB-012710-169	6-8'
0900	SO-56394-CB-012710-168	@-11'

0940 - Started SB-324

1-27-10

Plainwell Mill 1-27-10

0950 SB-321 Soil log
0-5 SAND (FILL) f to c grained gravel - f to c grained

10-13 sand( ) m to c grained gravel m to c - Cobble - brown wet
13-15" "black
15-17" "black
17-20 - gravelly sand (NAT) m to c grained brown - cobbles
9.25 wet

1000	SO 56394-CB012710-170	0-1'
1005	SO 56394-CB-012710-171	0-1 Dup
1010	SO-56394-CB-012710-172	7-9'

SB-321 - offset less than 5' due to water line
1030 - Started SB-301
offset less than 5'
1026 Photo log - SB301 offset (E)
0858 - CRA & SUMTRAC VOC sample for SB-139 (Photo log)

1-27-10

Plainwell Mill 1-27-10

1040 SB-301 Soil log

0-4.5 - sand (fill) trace f to c gravel & coal loose brown moist

2.5 1" coal seam

4.5-5.0 concrete debris

5-7.5 - Sand (fill) w/clay & gravel TP paper residuals - wood/brick debris

7.5-8.15 Clayey Sand (NAT) f grained compact grey wet

8.15 9 Clay (NAT) f med plast s.f. firm grey wet

9-13 - silty sand (NAT) f grained w/c gravel

13-15 gravely sand

15-20 - Sand & cobble fragments

1050 SO-S6394-CB-012710-173 0-1

1055 SO-S6394-CB-012710-174 5.5 7.5'

1100 SO-S6394-CB-012710-175 5.5 7.5' dup

1042 Photo log - SB-301 0-15'

left → right

bottom ↑ top

1115 Started SB-302

1-27-10

Plainwell Mill 1-27-10

1125 SB-302 soil log

0.5-2.75 coal

2.75-2.5 sand (fill) fr coal

2.5-3 concrete debris

3-5 sand (fill) w/gravel f to c grained f to c gravel loose brown moist

4.5 orange brick debris

3-8.75 sand (fill) w/gravel f to c grained

4.5 orange brick debris

7.0 concrete debris

8.0 trace paper residuals

1120 SO-S6394-CB-012710-176 0-1'

1135 -177 6.75-8.75'

1135 S-SO-S6394-CB-012710-177 6.75-8.75

1140 SO-S6394-CB-012710-178 8.75-9.75

8.75-9.75 - Silty clay (NAT) fr sand low plast., grey moist

9.75-13 - Sand (NAT) f to m grained lo compact

13-20 gravel (NAT) sand f to c gravel f to c loose brown wet

1215 - SulTRAC offsite for lunch

1230 - SulTRAC onsite

1-27-10

Plainwell Mill 1-27-10

1250 started SB-202
0.5-1.25 coal ash blk
1.25-4.5 sand (FILL) w/ f to c grain blk
3.5 cobble fragments
4.5 wet
4.5-5.25 orange brick
5.25-7.5 clay (FILL) - wood debris low plast. soft, light gray wet
7.5-8.5 sand (NAT) w/clay tr. silt f grained loose to compact bk wet

1345 SO-56394-CB-012710-179 0-1' MS/MSD
1350 SO-56394-CB-012710-180 2-4'
1350 S-SO-56394-CB-012710-180 2-4' split

1410 Started SB-201
0-7 sand (FILL) w/gravel, f sand f to c gravel tr coal - loose brown moist
4.0 - clay - wet
4.8 - silt tr clay
7.2 5 sand (NAT) w/silt tr clay F to c grained tan gray wet
9.5 cobble fragments
1341 - Photo log SB-202 top to bottom to

1-27-10

Plainwell Mill 1-27-10

1445 SO-56394-CB-012710-181 0-1'
1450 SO-56394-CB-012710-182 2-4'
1450 S-SO-56394-CB-012710-182 2-4' split

1500 - Started SB-204
SulTRAC doing MS/MSD sample
- ~~some surface soil removed~~ KE
- silver spoon used to fill aluminum foil lined bowl to obtain volume for MS/MSD @ 0-1' VOC's taken from liner when opened

1520 SO-56394-CB-012710-183 0-1'
1540 SO-56394-CB-012710-184 2-4'
1520 S-SO-56394-CB-012710-183 0-1' split MS/MSD

0-5 sand (FILL) gravel f sand f to c gravel, compact, brown, moist
4.5 brick debris - wet
5 (narrow) f grained w/silt tr clay
5.5 black w/wood debris
10.0 f grained tr m to c gravel loose brown w/silt
11.5-13.5 - Gravel (NAT) F to c gravel w/ m to c sand
13.5-20 sand (NAT) c grained w/gravel blk

1-27-10

Plainwell Mill 1-27-10

1550 Started SB-203

0.2-5 sand (FILL) w/gravel
f sand f to c grained
loose brown moist
4.3 tr coal
4.5 no coal
5-6 White material, soft
silty to clay size, no plast.
Wet
6-8 sand
7 - orang brick debris
7.5 no brick
8- 8.15 wood debris
8.15-~~20~~ sand (WAT) f. grained
w/ m to c grained
15-20 - gravely / sand

1610 - Photo log SB203 - White material - 2 photos

1550 SO-56394-CB-012710-185 0-1
1555 SO-56394-CB-012710 — 186 2.5-4.5'
1600 SO-56394-CB-012710 - 187 2.5-4.5 dup

Summary soil borings
CRA 17
SulTRAC 5

1500 - windy - heavy snow flurries - backnote
1645 - SulTRAC + CRA leaving site

Plain well Mill 1-28-10

0800 - SulTRAC onsite CRA already onsite. CRA STAFF:
C Bondy, D. Rivers, J Hurshman, T. Gettys
- weather - 3-4" of snow from last night. - 20-25 mph gusty winds, overcast, 14°F w/wind chill feels like -2°F (weather update on radio)

0830 - Started on SB-211
0.15-3.5 sand (FILL) f grained f to c gravel + coal loose to compact, brown moist
3.5-3.75 - gravel (FILL) f to c grained w/f sum sand
3.75-12.5' Sand (FILL) compact light brown 1" coal seam -8.75
12.25-2" coal seam
12.5-20 sand (NATIVE) f to c grained loose brown wet, m to c grain sand
15' wet
- soil frozen - freezes as pull it now out if wet soil

1-28-10

Plainwell Mill 1-28-10

0900 SO-S6394-CB-012810-188 0-1'
0915 S-SO-S6394-CB-012810-189 13-15' split
0915 SD-SO-S6394-CB-012810-189 13-15' dup
0920 - components on geoprobe freezing, keeping propane torch lit to defrost frozen parts
0925 SB-311 completed
0950 - started SB-309
1005 SO-S6394-CB-012810-190 0-1'
1010 SO-S6394-CB-012810-191 0-1' dup
1000 SO-S6394-CB-012810-192 12.5-14.5'
1005 S-SO-S6394-CB-012810-190 0-1' split

SB-309 - Soil Log

0-17 sand (FILL) w/gravel, f sand f to c gravel tr. concrete debris + coal loose, brown, moist
4.5 1" seam of wood debris
5.0 f to m w/ c f gravel loose
13 sand (NAT) w/gravel, f to c grained
14.5 - wet
14.5-20 sand + gravel (NAT) m to c sand f to c grade

1-28-10

Plainwell Mill 1-28-10

1025 - started SB-310
0.25-1.25 - coal
1.25-2.5 - sand (FILL) f to c f gravel tr. f gravel + coal loose brown, moist
2.5-3.0 - gravel (FILL) f to c loose gravel/mix
3-7.5 - sand - same as 1.25 no coal
7.5-8.75 coal
8.75-12.0 - sand as 3.0'
12.0-15 sand (NAT) w/gravel f to c sand f to c gravel loose
14.0 - wet Higher PID 0.6
15-20 - sand/gravel

1050 SO-S6394-CB-012810-193 0-1'
1045 SO-S6394-CB-012810-194 12-14'
MS/MSD

1115 - started SB-312
1135 SO-S6394-CB-012810-195 0-1'
0.15-2.5 - sand (FILL) w/gravel fine sand, f to c gravel loose to compact brown moist
2.5 + coal
1125 - drilled 5 holes @ SB-312 after 5' in each hole, hit rejection - unable to get any deeper

1-28-10

Plainwell MW 1-28-10

0850 - Photo log (N) SB-311

1119 - Photo log (E) (W) SB-312

1131 - Photo log SB-312 (S&W) (2 photos)
5 boring holes offset
within 3 feet

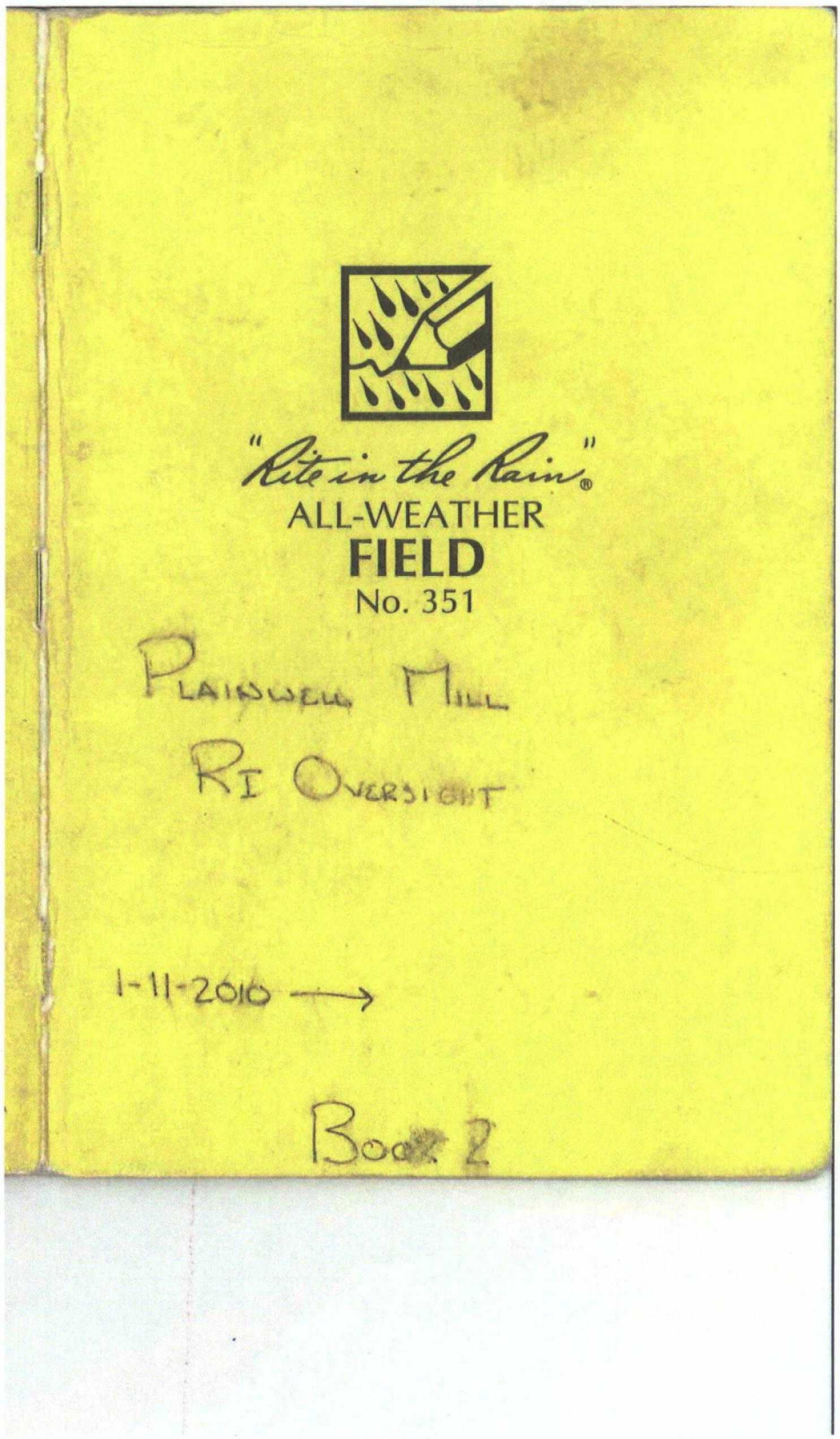
1140 - Had refusal from 3.5' – 4.5'
in the 5 attempts. Utilities
only cleared a 3' area so
only surface sample was taken.

1200 SulTRAC leave site CRA
finish packing supplies

1325 CRA staff remaining J. Hushman
& T Gettys - decoring equipment
before they leave
SulTRAC offsite for the week

Summary
Soil Borings
CRA 7
SulTRAC 2

1-28-10


"Rite in the Rain"®
ALL-WEATHER
FIELD
No. 351
PLAINWELL MILL
RI OVERSIGHT
1-11-2010 →
Book 2

Allied - Plainwell 01-25-10

0800 SulTRAC arrive on site. SulTRAC (Kristi Root, Tracy Koach) to oversee CRA continue soil boring and test pit activities. Weather: Overcast (snow flurries predicted), cold (31°F) —TK

0830 CRA informs us that there are 28 soil borings and 8 test pits to complete. —TK

0849 Begin TP308 excavation. —TK

0915 CRA collects a surface sample (0-15" - coal) SO-56394-DR-012510-1057 Below 15" brown sand & gravel with few boulders and concrete; becomes reddish brown coarse sand with some gravel and large boulders at 2½ ft bgs Native brown coarse sand and gravel at approximately 4 ft bgs. Bottom of test pit at 8½ ft bgs. Test pit is 6 x 12 ft. —TK

LK 1-24-10

Allied - Plainwell 01-24-10

0920 SO-56394-DR-012510-1058 (12-24") —TK

0925 SO-56394-DR-012510-1059 (4-6') SulTRAC splits sample —TK

0940 Begin filling in test pit. Photos taken (3: location, start of excavation, final excavation) —TK

1010 Begin excavating TP315 (Photo taken) —TK

1015 SO-56394-DR-012510-1060 collected 0-12"; Black coal to 2" bgs, reddish brown sand and gravel - coarse, damp with some large boulders & cobbles to 4' bgs. Native coarse brown sand & gravel, unsorted (Photo taken) —TK

1025 SO-56394-DR-012510-1061 collected at 4-6' bgs. —TK

1035 Excavation depth is 6½ ft Test pit is 4' x 11' —TK

LK 1-24-10

Allied - Plainwell 01-25-10

1040 Fill in excavation TP315. Samples collected at TP308 & TP315 will be analyzed for cyanide by CRA's lab. ——— [illegible]

1112 Begin excavation of TP309. No cyanide analysis by CRA at this location ——— [illegible]

1115 SO-56394-DR-012510-1062 collected from 0-12" bgs 0-2" - black coal; 2-5' reddish brown fine sand; 2" - 2ft brown fill

1125 SO-56394-DR-012510-1063 collected from 3-4' bgs Sul TRAC splits sample ——— [illegible]

1140 The brown fill material between coal layer and 2 feet is brown to dark brown silty coarse sand and gravel with some cobbles and concrete pieces
2-5' - reddish brown fine sand
5-8' - brown coarse sand & gravel with cobbles & boulders (native)

1158 Excavation depth is 8 ft bgs

[illegible] 1-25-10

Allied - Plainwell 01-25-10

1200 Excavation is 8'W x 12'L. Begin filling in TP309

1215 CRA breaks for lunch. ——— [illegible]

1245 Prep sample containers for afternoon sampling. ——— [illegible]

1305 Begin excavating TP314 ——— [illegible]

– Back note; at 1145 CRA collected sample at TP309 SO-56394-DR-012510-1064 from a depth 6-8'. It was a MS/MSD ——— [illegible]

Photo take of TP314 location

1310 Collect soil sample SO-56394-DR-012510-1065 from 0-2' (coal).

1322 Collect soil sample SO-56394-DR-012510-1066 from 6-8'

Collect soil sample SO-56394-DR-012510-1067 from 10-11'

TP314 is 4'W x 12'L x 11'D
0-18" coal, 18" - 10ft fill material comprised of brown coarse silty sand with glass, metal, wood slag, household items, brick, concrete blocks

[illegible] 1-25-10

Allied-Plainwell 01-25-10

1350 Excavation TP314 photos taken

1357 Begin filling TP314 excavation

1430 Set up at TP312

1440 Collect soil sample SO-56394-DR-012510-1069 (0-2') S. TRA split sample -1068 was used for a trip blank.

1500 Encounter clay 6" diameter pipe Photo taken

1500 Collect soil sample SO-56394-DR-012510-1070 from 5-7' bgs * duplicate sample was collected by CRA at this location (-1071).

1510 Excavation is 4' W x 12.5' L x 7' D. 0-12" coal; 1-5' reddish brown fine to medium grain sand; 5-7' brown coarse sand & gravel.

1515 Surveyors on site to locate monitoring wells, test pits, and soil borings. also

1-25-10

Allied-Plainwell. 01-25-10

survey 6" pipe in TP312.

1520 Fill in excavation TP312.

1600 leave site to pack samples. CRA crew (Dave Rivers) packs samples on site.

End of Day

Macky Tkach 1-25-2010

Allied-Plainwell 01-26-10

0800 SulTRAC (Kristi Root, Tracey Koach) arrive on site. Prepare bottles for sampling. —— TZK
Weather: Overcast, snowing, cold (25°F) —— TZK

0830 Set up at TP313, Photo taken

0840 Begin excavating TP313 —— TZK

0900 Collect soil sample SO-56394-DR-012610-1072 (2-4') —— TZK

0910 Collect soil sample SO-56394-DR-012610-1073 (4-6') and duplicate (-1074) from grey layer. Photo taken —— TZK

0925 Collect soil sample SO-56394-DR-012610-1075 (8-9'). SulTRAC split sample. Photo taken

0940 Excavation is 4'W x 11'L x 9'D.

0950 Begin filling in TP313 —— TZK

1025 Set up at TP311. Photo taken

1030 Collect soil sample SO-56394-DR-012610-1076 (0-2') —— TZK

1045 Collect soil sample SO-56394-DR-012610-1077 (4-6') —— TZK

1050 Excavation is 4'W x 9'L x 6'D. —— TZK 1-26-10

Allied-Plainwell 01-26-10

0-4" Coal; 4"-2' Dark brown silty sand with some debris, gravel; 2'-4' reddish brown fine to medium grain sand with few gravel & cobbles; 4-6' Coarse gravel with cobbles & boulders. —— TZK

1100 Begin filling in TP311.

1125 Begin excavating TP310. Photo taken —— TZK

1135 Collect soil sample SO-56394-DR-012610-1078 (1-2'). SulTRAC splits and takes duplicate.

1145 Encounter layer of boulders. Photos taken. —— TZK

1155 Collect sample SO-56394-DR-012610-1079 (8-10') —— TZK

1205 Excavation is 4'W x L x 10'D. 0-1' coal; 1-2' crushed slag & gravel; 2-4.5' reddish brown fine to medium grain sand; 4.5-8' sand and fill comprised of boulders, asphalt, brick, metal

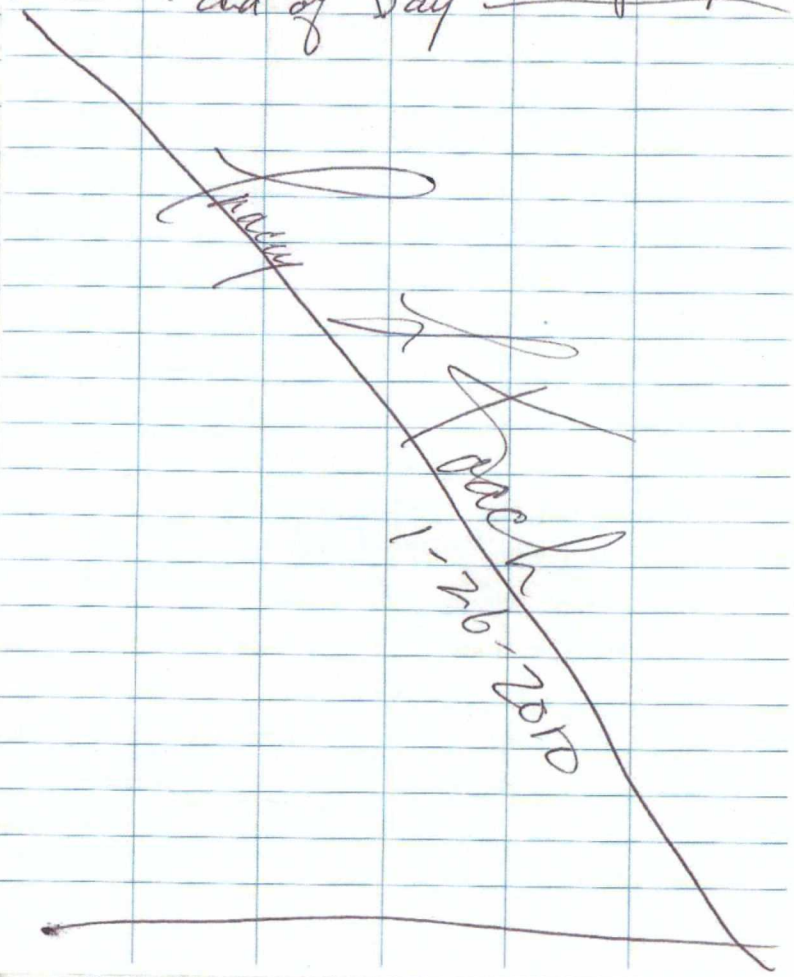
TZK 1-26-10

Allied - Rainwell 01-26-10

8-10 Brown coarse gravel

1230 leave site after CRA completes filling in TP310, Package samples for remainder of day.

End of Day



APPENDIX C

FIELD SAMPLE LOG

(10 Pages)

SUBSURFACE SOIL SAMPLES										
SAMPLE LOCATION	SAMPLER	SAMPLE ID	DATE	INTERVAL, FT	SAMPLE TIME	Field Duplicates or MS/MSD	CRA sample count	SulTRAC sample count	SulTRAC Duplicate Count	SulTRAC MS/MSD count
FIELD BLANK	CRA	SO-56394-CB-011110-005	1/11/2010			FB				
MW-14	CRA	S0-56394-CB-011210-006	1/12/2010	0-2	1010	MS/MSD	1			
MW-14	CRA	S0-56394-CB-011210-008	1/12/2010	8-10	1030		1			
MW-14	CRA	S0-56394-CB-011210-009	1/12/2010	8-10	1035	DUPLICATE				
MW-15	CRA	SO-56394-CB-011110-003	1/11/2010	0-2	1535		1			
MW-15	CRA	SO-56394-CB-011110-004	1/11/2010	4-6	1550		1			
MW-15	SulTRAC	S-SO-56394-CB-011110-003	1/11/2010	0-2	1535			1		
MW-16	CRA	S0-56394-CB-011210-015	1/12/2010	8-10	1600		1			
MW-16	CRA	S0-56394-CB-011210-016	1/12/2010	3-5	1550		1			
MW-16	CRA	S0-56394-CB-011210-017	1/12/2010	0-2	1540		1			
MW-16	SulTRAC	S-S0-56394-CB-011210-015	1/12/2010	8-10	1600			1		
MW-17	CRA	S0-56394-CB-011310-018	1/13/2010	0-2	1100		1			
MW-17	CRA	S0-56394-CB-011210-019	1/12/2010	8-10	1700		1			
MW-17	CRA	S0-56394-CB-011310-020	1/13/2010	0-2	1110	DUPLICATE				
MW-18	CRA	S0-56394-CB-011310-025	1/13/2010	0-2	1510		1			
MW-18	CRA	S0-56394-CB-011310-026	1/13/2010	8-10	1520		1			
MW-18	CRA	S0-56394-CB-011310-027	1/13/2010	10-12	1530		1			
MW-18	SulTRAC	S-S0-56394-CB-011310-026	1/13/2010	8-10	1520			1		
MW-19	CRA	S0-56394-CB-011310-028	1/13/2010	0-2	1630		1			
MW-19	CRA	S0-56394-CB-011310-029	1/13/2010	8-10	1640		1			
MW-19	SulTRAC	S-S0-56394-CB-011310-028	1/13/2010	0-2	1630			1		
SB-109	CRA	SO-56394-CB-011110-001	1/11/2010	0-2	1415		1			
SB-109	CRA	SO-56394-CB-011110-002	1/11/2010	8-10	1425		1			
SB-303	CRA	SO-56395-CB-011410-032	1/14/2010	0-2	900	MS/MSD	1			
SB-303	CRA	SO-56395-CB-011410-033	1/14/2010	3.5-5.5	905		1			
SB-303	SulTRAC	S-SO-56395-CB-011410-033	1/14/2010	3.5-5.5	905			1		
SB-303	SulTRAC	SD-SO-56395-CB-011410-033	1/14/2010	3.5-5.5	907	DUPLICATE			1	
SB-303	CRA	SO-56395-CB-011410-034	1/14/2010	5.5-7.5	910		1			
SB-303	CRA	SO-56395-CB-011410-035	1/14/2010	8-10	915		1			
SB-303	CRA	SO-56395-CB-011410-036	1/14/2010	8-10	920	DUPLICATE				
SB-304	CRA	SO-56395-CB-011410-037	1/14/2010	0-2	1010		1			
SB-304	CRA	SO-56395-CB-011410-038	1/14/2010	4-6	1015		1			
SB-304	CRA	SO-56395-CB-011410-039	1/14/2010	6-8	1020		1			
SB-304	CRA	SO-56395-CB-011410-040	1/14/2010	8-10	1025		1			
SB-304	SulTRAC	S-SO-56395-CB-011410-040	1/14/2010	8-10	1025			1		
SB-305	CRA	SO-56395-CB-011410-041	1/14/2010	0-2	1120		1			
SB-305	SulTRAC	S-SO-56395-CB-011410-041	1/14/2010	0-2	1120	MS/MSD		1		1
SB-305	CRA	SO-56395-CB-011410-042	1/14/2010	8-10	1130		1			

SUBSURFACE SOIL SAMPLES continued										
SAMPLE LOCATION	SAMPLER	SAMPLE ID	DATE	INTERVAL, FT	SAMPLE TIME	Field Duplicates or MS/MSD	CRA sample count	SulTRAC sample count	SulTRAC Duplicate Count	SulTRAC MS/MSD count
SB-306	CRA	SO-56395-CB-011410-043	1/14/2010	0-1	1210		1			
SB-306	CRA	SO-56395-CB-011410-044	1/14/2010	7.5-9.5	1215		1			
SB-306	CRA	SO-56395-CB-011410-045	1/14/2010	7.5-9.5	1220	DUPLICATE				
SB-306	CRA	SO-56395-CB-011410-046	1/14/2010	9.5-11	1225		1			
SB-306	SulTRAC	S-SO-56395-CB-011410-046	1/14/2010	9.5-11	1225			1		
SB-307	CRA	SO-56395-CB-011410-047	1/14/2010	0-1	1400		1			
SB-307	CRA	SO-56395-CB-011410-048	1/14/2010	6-8	1405		1			
SB-307	CRA	SO-56395-CB-011410-049	1/14/2010	6-8	1410	DUPLICATE				
SB-307	CRA	SO-56395-CB-011410-050	1/14/2010	8-10	1415		1			
VA-1	CRA	S0-56394-CB-011310-1010	1/13/2010	0-2	1315		1			
VA-1	CRA	S0-56394-CB-011310-1011	1/13/2010	8-10	1325		1			
VA-1	SulTRAC	S-S0-56394-CB-011310-1011	1/13/2010	8-10	1325			1		
SB-110	CRA	SO-56394-CB-011810-053	1/18/2010	0-1	1000		1			
SB-110	CRA	SO-56394-CB-011810-054	1/18/2010	8-10	1005		1			
SB-110	CRA	SO-56394-CB-011810-055	1/18/2010	8-10	1010	Duplicate				
SB-108	CRA	SO-56394-CB-011810-056	1/18/2010	0-1	1115		1			
SB-108	CRA	SO-56394-CB-011810-057	1/18/2010	6.5-8.5	1120		1			
SB-108	CRA	SO-56394-CB-011810-058	1/18/2010	8.5-10.0	1125		1			
SB-108	SulTRAC	S-SO-56934-CB-011810-057	1/18/2010	6.5-8.5	1125			1		
SB-107	CRA	SO-56394-CB-011810-059	1/18/2010	0-1	1300		1			
SB-107	CRA	SO-56394-CB-011810-060	1/18/2010	6.5-8.5	1305		1			
SB-107	CRA	SO-56394-CB-011810-061	1/18/2010	8.5-10.0	1310		1			
SB-101	CRA	SO-56394-CB-011810-062	1/18/2010	0-1	1345	MS/MSD	1			
SB-101	CRA	SO-56394-CB-011810-063	1/18/2010	6.8-8.8	1350		1			
SB-101	CRA	SO-56394-CB-011810-064	1/18/2010	8.8-9.5	1355		1			
SB-101	SulTRAC	S-SO-56394-CB-011810-062	1/18/2010	0-1	1345			1		
SB-106	CRA	SO-56394-CB-011810-067	1/18/2010	0-1	1505		1			
SB-106	CRA	SO-56394-CB-011810-068	1/18/2010	3.5-5.5	1510		1			
SB-106	CRA	SO-56394-CB-011810-069	1/18/2010	8-10	1515		1			
SB-106	CRA	SO-56394-CB-011810-070	1/18/2010	8-10	1520	Duplicate				
SB-111	CRA	SO-56394-CB-011810-071	1/18/2010	0-1	1605		1			
SB-111	CRA	SO-56394-CB-011810-072	1/18/2010	7-9	1605		1			
SB-111	SulTRAC	S-SO-56394-CB-011810-071	1/18/2010	0-1	1605			1		
SB-308	CRA	SO-56394-DR-011810-1020	1/18/2010	0-2	1410		1			
SB-308	CRA	SO-56394-DR-011810-1021	1/18/2010	3-5	1415		1			
SB-308	CRA	SO-56394-DR-011810-1022	1/18/2010	7.5-9.5	1420		1			
Test Pit 201	CRA	SO-56394-DR-011910-1023	1/19/2010	0-2	1105		1			

SUBSURFACE SOIL SAMPLES continued										
SAMPLE LOCATION	SAMPLER	SAMPLE ID	DATE	INTERVAL, FT	SAMPLE TIME	Field Duplicates or MS/MSD	CRA sample count	SulTRAC sample count	SulTRAC Duplicate Count	SulTRAC MS/MSD count
Test Pit 201	CRA	SO-56394-DR-011910-1024	1/19/2010	8-10	1130		1			
Test Pit 201	SulTRAC	S-SO-56394-DR-011910-1024	1/19/2010	8-10	1130			1		
Test Pit 202	CRA	SO-56394-DR-011910-1025	1/19/2010	1-2	1330		1			
Test Pit 202	CRA	SO-56394-DR-011910-1026	1/19/2010	1-2	1335	Duplicate				
Test Pit 202	CRA	SO-56394-DR-011910-1027	1/19/2010	8-10	1340		1			
SB-113	CRA	SO-56394-CB-011910-073	1/19/2010	0-1	905		1			
SB-113	CRA	SO-56394-CB-011910-074	1/19/2010	8-10	910		1			
SB-112	CRA	SO-56394-CB-011910-075	1/19/2010	0-1	950		1			
SB-112	CRA	SO-56394-CB-011910-076	1/19/2010	0-1	950	Duplicate				
SB-112	CRA	SO-56394-CB-011910-077	1/19/2010	6-8	950		1			
SB-112	SulTRAC	S-SO-56394-CB-011910-077	1/19/2010	6-8	950			1		
SB-112	SulTRAC	SD-SO-56394-CB-011910-077	1/19/2010	6-8	950	Duplicate			1	
SB-114	CRA	SO-56394-CB-011910-078	1/19/2010	0-1	1110		1			
SB-114	CRA	SO-56394-CB-011910-079	1/19/2010	8-10	1115		1			
SB-116	CRA	SO-56394-CB-011910-080	1/19/2010	0-1	1250		1			
SB-116	CRA	SO-56394-CB-011910-081	1/19/2010	7-9	1255		1			
SB-116	SulTRAC	S-SO-56394-CB-011910-081	1/19/2010	7-9	1255			1		
SB-116	CRA	SO-56394-CB-011910-082	1/19/2010	9.5-10	1300		1			
SB-117	CRA	SO-56394-CB-011910-083	1/19/2010	0-1	1410	MS/MSD	1			
SB-117	CRA	SO-56394-CB-011910-084	1/19/2010	8-10	1415		1			
SB-115	CRA	SO-56394-CB-011910-085	1/19/2010	0-1	1520		1			
SB-115	CRA	SO-56394-CB-011910-086	1/19/2010	3-5	1525		1			
SB-115	SulTRAC	S-SO-56394-CB-011910-086	1/19/2010	3-5	1525			1		
SB-115	CRA	SO-56394-CB-011910-087	1/19/2010	5-7	1530		1			
SB-115	CRA	SO-56394-CB-011910-088	1/19/2010	9-10	1535		1			
SB-119	CRA	SO-56394-CB-011910-089	1/19/2010	0-1	1620		1			
SB-119	CRA	SO-56394-CB-011910-090	1/19/2010	8-10	1625		1			
SB-119	SulTRAC	S-SO-56394-CB-011910-090	1/19/2010	8-10	1625			1		
Test Pit 203	CRA	SO-56394-DR-011910-1031	1/20/2010	0.5-1.5	845		1			
Test Pit 203	SulTRAC	S-SO-56394-DR-011910-1031	1/20/2010	0.5-1.5	845			1		
Test Pit 203	CRA	SO-56394-DR-011910-1032	1/20/2010	2-4	900		1			
Test Pit 203	CRA	SO-56394-DR-011910-1033	1/20/2010	8-10	925		1			
Test Pit 301	CRA	SO-56394-DR-011910-1034	1/20/2010	0-1	1135		1			
Test Pit 301	CRA	SO-56394-DR-011910-1035	1/20/2010	6-8	1210		1			
Test Pit 301	SulTRAC	S-SO-56394-DR-011910-1035	1/20/2010	6-8	1210			1		
Test Pit 301	CRA	SO-56394-DR-011910-1036	1/20/2010	8-10	1225		1			
Test Pit 302	CRA	SO-56394-DR-011910-1037	1/20/2010	0.5-1.5	1345		1			
Test Pit 302	CRA	SO-56394-DR-011910-1038	1/20/2010	4-6	1400		1			
Test Pit 302	SulTRAC	S-SO-56394-DR-011910-1038	1/20/2010	4-6	1400			1		

SUBSURFACE SOIL SAMPLES continued										
SAMPLE LOCATION	SAMPLER	SAMPLE ID	DATE	INTERVAL, FT	SAMPLE TIME	Field Duplicates or MS/MSD	CRA sample count	SulTRAC sample count	SulTRAC Duplicate Count	SulTRAC MS/MSD count
Test Pit 302	CRA	SO-56394-DR-011910-1039	1/20/2010	10-11	1425		1			
Test Pit 306	CRA	SO-56394-DR-011910-1041	1/20/2010	0.5-1.5	1515		1			
Test Pit 306	CRA	SO-56394-DR-011910-1042	1/20/2010	6-7	1535		1			
Test Pit 306	CRA	SO-56394-DR-011910-1043	1/20/2010	6-7	1540	Duplicate				
SB-144	CRA	SO-56394-CB-012010-092	1/20/2010	0-1	1000		1			
SB-144	CRA	SO-56394-CB-012010-093	1/20/2010	7-9	1005		1			
SB-144	CRA	SO-56394-CB-012010-093	1/20/2010	7-9	1005	Duplicate				
SB-145	CRA	SO-56394-CB-012010-094	1/20/2010	0-1	1100		1			
SB-145	CRA	SO-56394-CB-012010-095	1/20/2010	7.5-9.5	1105		1			
SB-145	SulTRAC	S-SO-56394-CB-012010-094	1/20/2010	0-1	1100			1		
SB-143	CRA	SO-56394-CB-012010-096	1/20/2010	0-1	1200		1			
SB-143	CRA	SO-56394-CB-012010-097	1/20/2010	8-10	1205		1			
SB-142	CRA	SO-56394-CB-012010-098	1/20/2010	0-1	1355		1			
SB-142	CRA	SO-56394-CB-012010-099	1/20/2010	8.5-10.5	1400		1			
SB-142	SulTRAC	S-SO-56394-CB-012010-099	1/20/2010	8.5-10.5	1350			1		
SB-102	CRA	SO-56394-CB-012010-100	1/20/2010	0-1	1430		1			
SB-102	CRA	SO-56394-CB-012010-101	1/20/2010	8-10	1435		1			
SB-118	CRA	SO-56394-CB-012010-102	1/20/2010	0-1	1545		1			
SB-118	CRA	SO-56394-CB-012010-103	1/20/2010	7.5-9.5	1550		1			
SB-103	CRA	SO-56394-CB-012010-104	1/20/2010	0-1	1640		1			
SB-103	CRA	SO-56394-CB-012010-105	1/20/2010	7-9	1645		1			
SB-103	SulTRAC	S-SO-56394-CB-012010-105	1/20/2010	7-9	1645			1		
Test Pit 303	CRA	SO-56394-DR-012110-1044	1/21/2010	0-1	835		1			
Test Pit 303	CRA	SO-56394-DR-012110-1045	1/21/2010	6-8	855		1			
Test Pit 303	SulTRAC	S-SO-56394-DR-012110-1045	1/21/2010	6-8	855			1		1
Test Pit 307	CRA	SO-56394-DR-012110-1046	1/21/2010	0.5-1.5	1020		1			
Test Pit 307	CRA	SO-56394-DR-012110-1047	1/21/2010	0.5-1.5	1025	Duplicate				
Test Pit 307	CRA	SO-56394-DR-012110-1048	1/21/2010	8-10	1045		1			
Test Pit 307	CRA	SO-56394-DR-012110-1049	1/21/2010	2-3	1120		1			
Test Pit 307	SulTRAC	S-SO-56394-DR-012110-1049	1/21/2010	2-3	1120			1		
Test Pit 307	SulTRAC	SD-SO-56394-DR-012110-1049	1/21/2010	2-3	1125	Duplicate			1	
Test Pit 305	CRA	SO-56394-DR-012110-1050	1/21/2010	0.5-1.5	1340		1			
Test Pit 305	SulTRAC	S-SO-56394-DR-012110-1050	1/21/2010	0.5-1.5	1340			1		
Test Pit 305	CRA	SO-56394-DR-012110-1051	1/21/2010	2-4	1350	MS/MSD	1			
Test Pit 305	CRA	SO-56394-DR-012110-1052	1/21/2010	6-8	1405		1			
Test Pit 304	CRA	SO-56394-DR-012110-1053	1/21/2010	0.5-1.5	1455		1			
Test Pit 304	CRA	SO-56394-DR-012110-1054	1/21/2010	2-4	1505		1			
Test Pit 304	CRA	SO-56394-DR-012110-1055	1/21/2010	5-7	1515		1			
SB-120	CRA	SO-56394-CB-012110-106	1/21/2010	0-1	905		1			

SUBSURFACE SOIL SAMPLES continued										
SAMPLE LOCATION	SAMPLER	SAMPLE ID	DATE	INTERVAL, FT	SAMPLE TIME	Field Duplicates or MS/MSD	CRA sample count	SulTRAC sample count	SulTRAC Duplicate Count	SulTRAC MS/MSD count
SB-120	CRA	SO-56394-CB-012110-107	1/21/2010	7.75-9.75	910		1			
SB-120	CRA	SO-56394-CB-012010-108	1/21/2010	0-1	915	Duplicate				
SB-120	SulTRAC	S-SO-56394-CB-012110-107	1/21/2010	7.75-9.75	900			1		
SB-104	CRA	SO-56394-CB-012110-109	1/21/2010	0-1	950		1			
SB-104	CRA	SO-56394-CB-012110-110	1/21/2010	3-5	955	MS/MSD	1			
SB-104	CRA	SO-56394-CB-012110-111	1/21/2010	5-7	1000		1			
SB-104	CRA	SO-56394-CB-012110-112	1/21/2010	8-10	1005		1			
SB-104	SulTRAC	S-SO-56394-CB-012110-109	1/21/2010	0-1	1000			1		
SB-122	CRA	SO-56394-CB-012110-113	1/21/2010	0-1	1120		1			
SB-122	CRA	SO-56394-CB-012110-114	1/21/2010	8-10	1125		1			
SB-122	SulTRAC	S-SO-56394-CB-012110-114	1/21/2010	8-10	1120			1		
SB-124	CRA	SO-56394-CB-012110-115	1/21/2010	0-1	1315		1			
SB-124	CRA	SO-56394-CB-012110-116	1/21/2010	8-10	1320		1			
SB-124	SulTRAC	S-SO-56394-CB-012110-116	1/21/2010	8-10	1310			1		
SB-126	CRA	SO-56394-CB-012110-117	1/21/2010	0-1	1415		1			
SB-126	CRA	SO-56394-CB-012110-118	1/21/2010	7.5-9.5	1420		1			
SB-126	SulTRAC	S-SO-56394-CB-012110-118	1/21/2010	7.5-9.5	1410			1		
SB-105	CRA	SO-56394-CB-012110-119	1/21/2010	0-1	1520		1			
SB-105	CRA	SO-56394-CB-012110-120	1/21/2010	1-3	1525		1			
SB-105	CRA	SO-56394-CB-012110-121	1/21/2010	3-5	1530		1			
SB-105	CRA	SO-56394-CB-012110-122	1/21/2010	8-10	1535		1			
SB-128	CRA	SO-56394-CB-012110-123	1/21/2010	3-5	1540	Duplicate				
SB-128	CRA	SO-56394-CB-012110-124	1/21/2010	0-1	1615		1			
SB-128	CRA	SO-56394-CB-012110-125	1/21/2010	11.5-13.5	1620		1			
SB-130	CRA	S0-56394-CB-012510-126	1/25/2010	0-1	0915		1			
SB-130	CRA	S0-56394-CB-012510-127	1/25/2010	12.5-14.5	0925		1			
SB-130	CRA	S0-56394-CB-012510-128	1/25/2010	12.5-14.5	0930	Duplicate				
SB-126	CRA	S0-56394-CB-012510-129	1/25/2010	7.5-9.5	0955	RESAMPLE	1			
SB-126	SulTRAC	S-S0-56394-CB-012510-129	1/25/2010	7.5-9.5	0955			1		
SB-131	CRA	S0-56394-CB-012510-130	1/25/2010	0-1	1040		1			
SB-131	CRA	S0-56394-CB-012510-131	1/25/2010	6-8	1045	MS/MSD	1			
SB-129	CRA	S0-56394-CB-012510-132	1/25/2010	0-1	1120		1			
SB-129	CRA	S0-56394-CB-012510-133	1/25/2010	6-8	1125		1			
SB-129	CRA	S0-56394-CB-012510-134	1/25/2010	8-10	1130		1			
SB-129	SulTRAC	S-S0-56394-CB-012510-133	1/25/2010	6-8	1125			1		
SB-127	CRA	S0-56394-CB-012510-135	1/25/2010	0-1	1245		1			
SB-127	CRA	S0-56394-CB-012510-136	1/25/2010	6.5-8.5	1250		1			
SB-127	CRA	S0-56394-CB-012510-137	1/25/2010	10.5-12.5	1255		1			
SB-127	SulTRAC	S-S0-56394-CB-012510-137	1/25/2010	10.5-12.5	1255			1		

SUBSURFACE SOIL SAMPLES continued										
SAMPLE LOCATION	SAMPLER	SAMPLE ID	DATE	INTERVAL, FT	SAMPLE TIME	Field Duplicates or MS/MSD	CRA sample count	SulTRAC sample count	SulTRAC Duplicate Count	SulTRAC MS/MSD count
SB-125	CRA	S0-56394-CB-012510-138	1/25/2010	0-1	1335		1			
SB-125	CRA	S0-56394-CB-012510-139	1/25/2010	3-5	1340		1			
SB-125	CRA	S0-56394-CB-012510-140	1/25/2010	3-5	145	Duplicate				
SB-125	CRA	S0-56394-CB-012510-141	1/25/2010	9.5-10	1350		1			
SB-123	CRA	S0-56394-CB-012510-142	1/25/2010	0-1	1500		1			
SB-123	CRA	S0-56394-CB-012510-143	1/25/2010	7-9	1505		1			
SB-123	SulTRAC	S-S0-56394-CB-012510-143	1/25/2010	7-9	1505			1		
SB-121	CRA	S0-56394-CB-012510-144	1/25/2010	0-1	1550		1			
SB-121	CRA	S0-56394-CB-012510-145	1/25/2010	1-3	1555		1			
SB-121	CRA	S0-56394-CB-012510-146	1/25/2010	11-13	1600		1			
SB-121	SulTRAC	S-S0-56394-CB-012510-144	1/25/2010	0-1	1550			1		
SB-132	CRA	S0-56394-CB-012510-147	1/25/2010	0-1	1635		1			
SB-132	CRA	S0-56394-CB-012510-148	1/25/2010	8-10	1640		1			
TP-308	CRA	S0-56394-DR-012510-1057	1/25/2010	0-1.25	0915		1			
TP-308	CRA	S0-56394-DR-012510-1058	1/25/2010	1-2	920		1			
TP-308	CRA	S0-56394-DR-012510-1059	1/25/2010	4-6	925		1			
TP-308	SulTRAC	S-S0-56394-DR-012510-1059	1/25/2010	4-6	925			1		
TP-315	CRA	S0-56394-DR-012510-1060	1/25/2010	0-1	1015		1			
TP-315	CRA	S0-56394-DR-012510-1061	1/25/2010	4-6	1025		1			
TP-309	CRA	S0-56394-DR-012510-1062	1/25/2010	0-1	1115		1			
TP-309	CRA	S0-56394-DR-012510-1063	1/25/2010	3-4	1125		1			
TP-309	SulTRAC	S-S0-56394-DR-012510-1063	1/25/2010	3-4	1125			1		
TP-309	CRA	S0-56394-DR-012510-1064	1/25/2010	6-8	1145	MS/MSD	1			
TP-314	CRA	S0-56394-DR-012510-1065	1/25/2010	0-2	1310		1			
TP-314	CRA	S0-56394-DR-012510-1066	1/25/2010	6-8	1320		1			
TP-314	CRA	S0-56394-DR-012510-1067	1/25/2010	10-11	1330		1			
TP-312	CRA	S0-56394-DR-012510-1069	1/25/2010	0-2	1440		1			
TP-312	SulTRAC	S-S0-56394-DR-012510-1069	1/25/2010	0-2	1440			1		
TP-312	CRA	S0-56394-DR-012510-1070	1/25/2010	5-7	1500		1			
TP-312	CRA	S0-56394-DR-012510-1071	1/25/2010	5-7	1500	Duplicate				
SB-133	CRA	SO-56394-CB-102610-150	1/26/2010	0-1	0900	MS/MSD	1			
SB-133	CRA	SO-56394-CB-102610-149	1/26/2010	7-9	0905		1			
SB-133	CRA	SO-56394-CB-102610-151	1/26/2010	7-9	0910	Duplicate				
SB-137	CRA	SO-56394-CB-102610-152	1/26/2010	0-1	1015		1			
SB-137	CRA	SO-56394-CB-102610-153	1/26/2010	8-10	1020		1			
SB-137	SulTRAC	S-SO-56394-CB-102610-153	1/26/2010	8-10	1020			1		
SB-135	CRA	SO-56394-CB-102610-154	1/26/2010	0-1	1105		1			
SB-135	CRA	SO-56394-CB-102610-155	1/26/2010	8-10	1110		1			
SB-136	CRA	SO-56394-CB-102610-156	1/26/2010	0-1	1240		1			

SUBSURFACE SOIL SAMPLES continued										
SAMPLE LOCATION	SAMPLER	SAMPLE ID	DATE	INTERVAL, FT	SAMPLE TIME	Field Duplicates or MS/MSD	CRA sample count	SulTRAC sample count	SulTRAC Duplicate Count	SulTRAC MS/MSD count
SB-136	CRA	SO-56394-CB-102610-157	1/26/2010	0-1	1245	Duplicate				
SB-136	CRA	SO-56394-CB-102610-158	1/26/2010	8-10	1250		1			
SB-136	SulTRAC	S-SO-56394-CB-102610-158	1/26/2010	8-10	1250			1		
SB-134	CRA	SO-56394-CB-102610-159	1/26/2010	0-1	1340		1			
SB-134	CRA	SO-56394-CB-102610-160	1/26/2010	1.5-3.5	1345		1			
SB-134	SulTRAC	S-SO-56394-CB-102610-160	1/26/2010	1.5-3.5	1345			1		
SB-140	CRA	SO-56394-CB-102610-161	1/26/2010	0-1	1430		1			
SB-140	CRA	SO-56394-CB-102610-162	1/26/2010	8-10	1435		1			
SB-140	CRA	SO-56394-CB-102610-163	1/26/2010	8-10	1440	Duplicate				
SB-138	CRA	SO-56394-CB-102610-164	1/26/2010	0-1	1515		1			
SB-138	CRA	SO-56394-CB-102610-165	1/26/2010	8-10	1520		1			
SB-138	SulTRAC	S-SO-56394-CB-102610-165	1/26/2010	8-10	1520			1		
SB-141	CRA	SO-56394-CB-102610-166	1/26/2010	0-1	1610		1			
SB-141	CRA	SO-56394-CB-102610-167	1/26/2010	9-11	1615		1			
SB-141	SulTRAC	S-SO-56394-CB-102610-166	1/26/2010	0-1	1610			1		
TP-313	CRA	S0-56394-DR-012510-1072	1/26/2010	2-4	900		1			
TP-313	CRA	S0-56394-DR-012510-1073	1/26/2010	4-6	910		1			
TP-313	CRA	S0-56394-DR-012510-1074	1/26/2010	4-6	910	Duplicate				
TP-313	CRA	S0-56394-DR-012510-1075	1/26/2010	8-9	925		1			
TP-313	SulTRAC	S-S0-56394-DR-012510-1075	1/26/2010	8-9	925			1		
TP-311	CRA	S0-56394-DR-012510-1076	1/26/2010	0-2	1030		1			
TP-311	CRA	S0-56394-DR-012510-1077	1/26/2010	4-6	1045		1			
TP-310	CRA	S0-56394-DR-012510-1078	1/26/2010	1-2	1135		1			
TP-310	SulTRAC	S-S0-56394-DR-012510-1078	1/26/2010	1-2	1135			1		
TP-310	SulTRAC	SD-S0-56394-DR-012510-1078	1/26/2010	1-2	1135	Duplicate			1	
TP-310	CRA	S0-56394-DR-012510-1079	1/26/2010	8-10	1155		1			
SB-139	CRA	SO-56394-CB-012710-168	1/27/2010	0-1	900		1			
SB-139	CRA	SO-56394-CB-012710-169	1/27/2010	6-8	905		1			
SB-139	SulTRAC	S-SO-56394-CB-012710-168	1/27/2010	0-1	900			1		
SB-139	SulTRAC	SD-SO-56394-CB-012710-168	1/27/2010	0-1	900	Duplicate			1	
SB-321	CRA	SO-56394-CB-012710-170	1/27/2010	0-1	1000		1			
SB-321	CRA	SO-56394-CB-012710-171	1/27/2010	0-1	1005	Duplicate				
SB-321	CRA	SO-56394-CB-012710-172	1/27/2010	7-9	1010		1			
SB-301	CRA	SO-56394-CB-012710-173	1/27/2010	0-1	1050		1			
SB-301	CRA	SO-56394-CB-012710-174	1/27/2010	5.5-7.5	1055		1			
SB-301	CRA	SO-56394-CB-012710-175	1/27/2010	5.5-7.5	1100	Duplicate				
SB-302	CRA	SO-56394-CB-012710-176	1/27/2010	0-1	1120	MS/MSD	1			
SB-302	CRA	SO-56394-CB-012710-177	1/27/2010	6.75-8.75	1135		1			
SB-302	CRA	SO-56394-CB-012710-178	1/27/2010	8.75-9.75	1140		1			

SUBSURFACE SOIL SAMPLES continued										
SAMPLE LOCATION	SAMPLER	SAMPLE ID	DATE	INTERVAL, FT	SAMPLE TIME	Field Duplicates or MS/MSD	CRA sample count	SulTRAC sample count	SulTRAC Duplicate Count	SulTRAC MS/MSD count
SB-302	SulTRAC	S-SO-56394-CB-012710-177	1/27/2010	6.75-8.75	1135			1		
SB-202	CRA	SO-56394-CB-012710-179	1/27/2010	0-1	1345	MS/MSD	1			
SB-202	CRA	SO-56394-CB-012710-180	1/27/2010	2-4	1350		1			
SB-202	SulTRAC	S-SO-56394-CB-012710-180	1/27/2010	2-4	1350			1		
SB-201	CRA	SO-56394-CB-012710-181	1/27/2010	0-1	1445		1			
SB-201	CRA	SO-56394-CB-012710-182	1/27/2010	2-4	1450		1			
SB-201	SulTRAC	S-SO-56394-CB-012710-182	1/27/2010	2-4	1450			1		
SB-204	CRA	SO-56394-CB-012710-183	1/27/2010	0-1	1520		1			
SB-204	CRA	SO-56394-CB-012710-184	1/27/2010	2-4	1540		1			
SB-204	SulTRAC	S-SO-56394-CB-012710-183	1/27/2010	0-1	1520	MS/MSD		1		1
SB-203	CRA	SO-56394-CB-012710-185	1/27/2010	0-1	1550		1			
SB-203	CRA	SO-56394-CB-012710-186	1/27/2010	2.5-4.5	1555		1			
SB-203	CRA	SO-56394-CB-012710-187	1/27/2010	2.5-4.5	1600	Duplicate				
SB-311	CRA	SO-56394-CB-012810-188	1/28/2010	0-1	910		1			
SB-311	CRA	SO-56394-CB-012810-189	1/28/2010	13-15	915		1			
SB-311	SulTRAC	S-SO-56394-CB-012810-189	1/28/2010	13-15	915			1		
SB-311	SulTRAC	SD-SO-56394-CB-012810-189	1/28/2010	13-15	915	Duplicate			1	
SB-309	CRA	SO-56394-CB-012810-190	1/28/2010	0-1	1005		1			
SB-309	CRA	SO-56394-CB-012810-191	1/28/2010	0-1	1010	Duplicate				
SB-309	CRA	SO-56394-CB-012810-192	1/28/2010	12.5-14.5	1000		1			
SB-309	SulTRAC	S-SO-56394-CB-012810-190	1/28/2010	0-1	1005			1		
SB-310	CRA	SO-56394-CB-012810-193	1/28/2010	0-1	1030		1			
SB-310	CRA	SO-56394-CB-012810-194	1/28/2010	12-14	1045	MS/MSD	1			
SB-312	CRA	SO-56394-CB-012810-195	1/28/2010	0-1	1135		1			
Totals							209	53	6	3

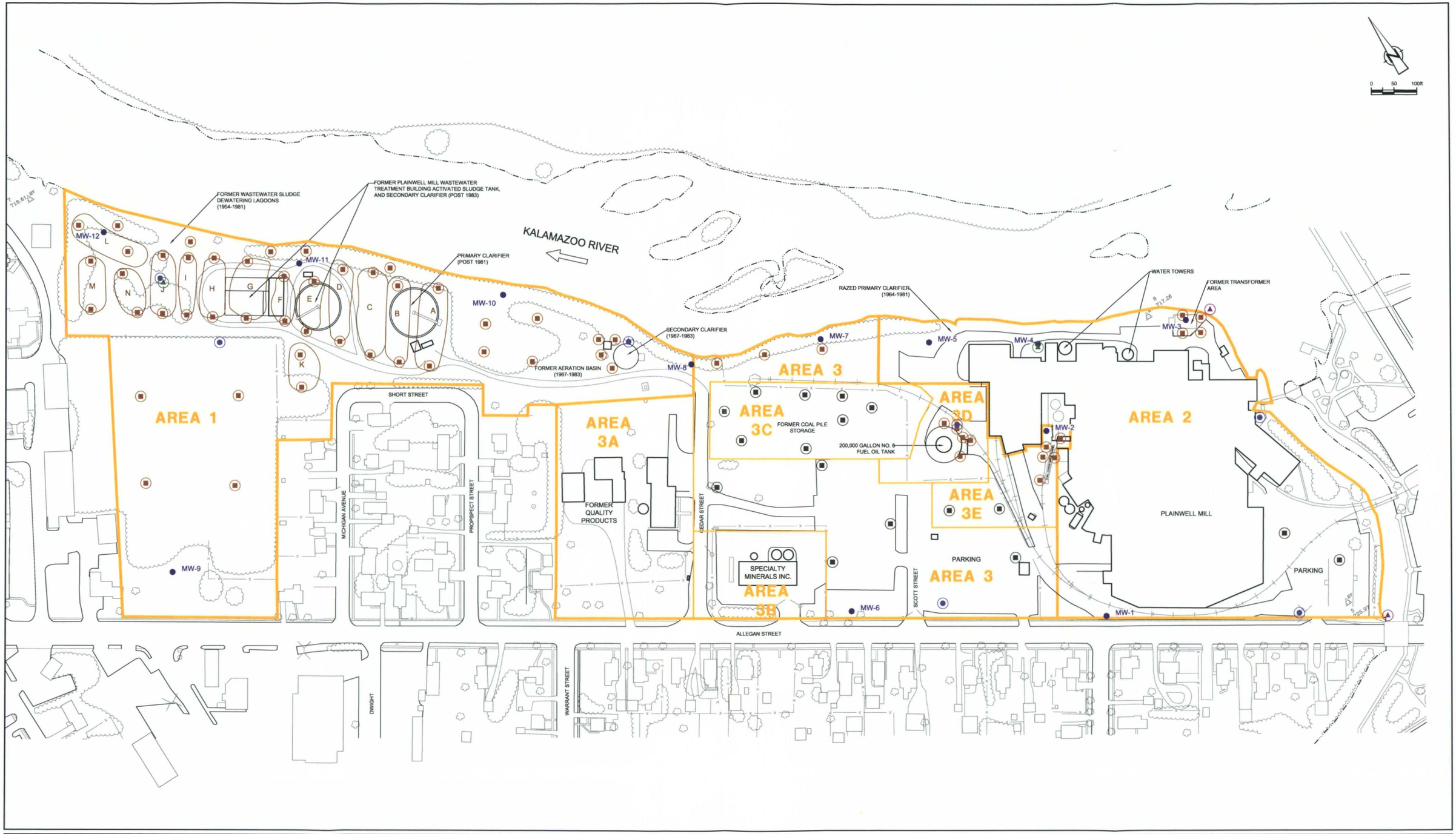
VAS GROUNDWATER SAMPLES										
SAMPLE LOCATION	SAMPLER	SAMPLE ID	DATE	INTERVAL, FT	SAMPLE TIME	Field Duplicates or MS/MSD	CRA sample count	SulTRAC sample count	SulTRAC Duplicate Count	SulTRAC MS/MSD count
VA-1	CRA	VAS-56394-DR-011110-1001	1/11/2010	10-14	1600		1			
VA-1	SulTRAC	S-VAS-56394-DR-011110-1001	1/11/2010	10-14	1600			1		
VA-1	CRA	VAS-56394-DR-011210-1002	1/12/2010	14-18	945		1			
VA-1	CRA	VAS-56394-DR-011210-1003	1/12/2010	18-22	1055		1			
VA-1	CRA	VAS-56394-DR-011210-1004	1/12/2010	18-22	1055	Duplicate				
VA-1	CRA	VAS-56394-DR-011210-1005	1/12/2010	22-26	1345		1			
VA-1	CRA	VAS-56394-DR-011210-1006	1/12/2010	26-30	1530		1			
VA-1	CRA	VAS-56394-DR-011310-1007	1/13/2010	30-34	840		1			
VA-1	CRA	VAS-56394-DR-011310-1008	1/13/2010	34-38	1010		1			
VA-1	SulTRAC	S-VAS-56394-DR-011310-1008	1/13/2010	34-38	1010			1		
VA-1	SulTRAC	SD-VAS-56394-DR-011310-1008	1/13/2010	34-38	1010	Duplicate			1	
VA-1	CRA	VAS-56394-DR-011310-1009	1/13/2010	38-42	1145		1			
VA-2	CRA	VAS-56394-DR-011310-1012	1/13/2010	6-10	1635		1			
VA-2	CRA	VAS-56394-DR-011410-1013	1/14/2010	10-14	845		1			
VA-2	SulTRAC	S-VAS-56394-DR-011410-1014	1/14/2010	10-14	845			1		
VA-2	CRA	VAS-56394-DR-011410-1014	1/14/2010	14-18	1040		1			
VA-2	CRA	VAS-56394-DR-011410-1015	1/14/2010	14-18	1040	Duplicate				
VA-2	CRA	VAS-56394-DR-011410-1016	1/14/2010	18-22	1250		1			
VA-2	CRA	VAS-56394-DR-011410-1017	1/14/2010	22-26	1400		1			
VA-2	CRA	VAS-56394-DR-011810-1018	1/18/2010	26-30	955		1			
VA-2	SulTRAC	VAS-56394-DR-011810-1018	1/18/2010	26-30	955			1		
VA-2	CRA	VAS-56394-DR-011810-1019	1/18/2010	30-32	1135		1			
Totals							15	4	1	

SURFACE WATER SAMPLES										
SAMPLE LOCATION	SAMPLER	SAMPLE ID	DATE	INTERVAL, FT	SAMPLE TIME	Field Duplicates or MS/MSD	CRA sample count	SulTRAC sample count	SulTRAC Duplicate Count	SulTRAC MS/MSD count
SW-1	EV	SW-56394-EV-011910-1028	1/19/2010				1			
SW-2	EV	SW-56394-EV-011910-1029	1/19/2010				1			
Totals							2			
SURFACE SOIL SAMPLES										
SAMPLE LOCATION	SAMPLER	SAMPLE ID	DATE	INTERVAL, FT	SAMPLE TIME	Field Duplicates or MS/MSD	CRA sample count	SulTRAC sample count	SulTRAC Duplicate Count	SulTRAC MS/MSD count
SS-105	CRA	SS-56394-EV-011210-011	1/12/2010	0-1			1			
SS-103	CRA	SS-56394-EV-011210-012	1/12/2010	0-1	1320		1			
SS-103	SulTRAC	S-SS-56394-EV-011210-012	1/12/2010	0-1	1320			1		
SS-102	CRA	SS-56394-EV-011210-013	1/12/2010	0-1	1345		1			
SS-100	CRA	SS-56394-EV-011210-010	1/12/2010	0-1	1415		1			
SS-107	CRA	SS-56394-EV-011210-015	1/12/2010	0-1	1120		1			
SS-101	CRA	SS-56394-EV-011310-021	1/13/2010	0-1	1135		1			
SS-101	SulTRAC	S-SS-56394-EV-011310-021	1/13/2010	0-1	1135			1		
SS-104	CRA	SS-56394-EV-011310-022	1/13/2010	0-1	1325		1			
SS-106	CRA	SS-56394-EV-011310-023	1/13/2010	0-1	1345		1			
SS-106	CRA	SS-56394-EV-011310-024	1/13/2010	0-1	1350	Duplicate				
Total							8	2	0	0

ATTACHMENT 1

CRA SAMPLE LOCATION FIGURES

(Four Sheets)



LEGEND

- AREA BOUNDARY
- SHORELINE
- FORMER WASTEWATER SLUDGE DEWATERING LAGOONS
- FENCELINE
- RAILWAY
- VEGETATION
- SURVEY BENCHMARK
- MW-9 EXISTING MONITORING WELL LOCATION
- PROPOSED MONITORING WELL LOCATION
- PROPOSED SOIL BORING LOCATION
- PROPOSED TEST PIT LOCATION
- PROPOSED SURFACE WATER SAMPLE LOCATION
- PROPOSED VERTICAL AQUIFER TESTING LOCATION

SCALE VERIFICATION: THIS BAR MEASURES 1" ON ORIGINAL. ADJUST SCALE ACCORDINGLY.

No	Revision	Date	Initial

Approved

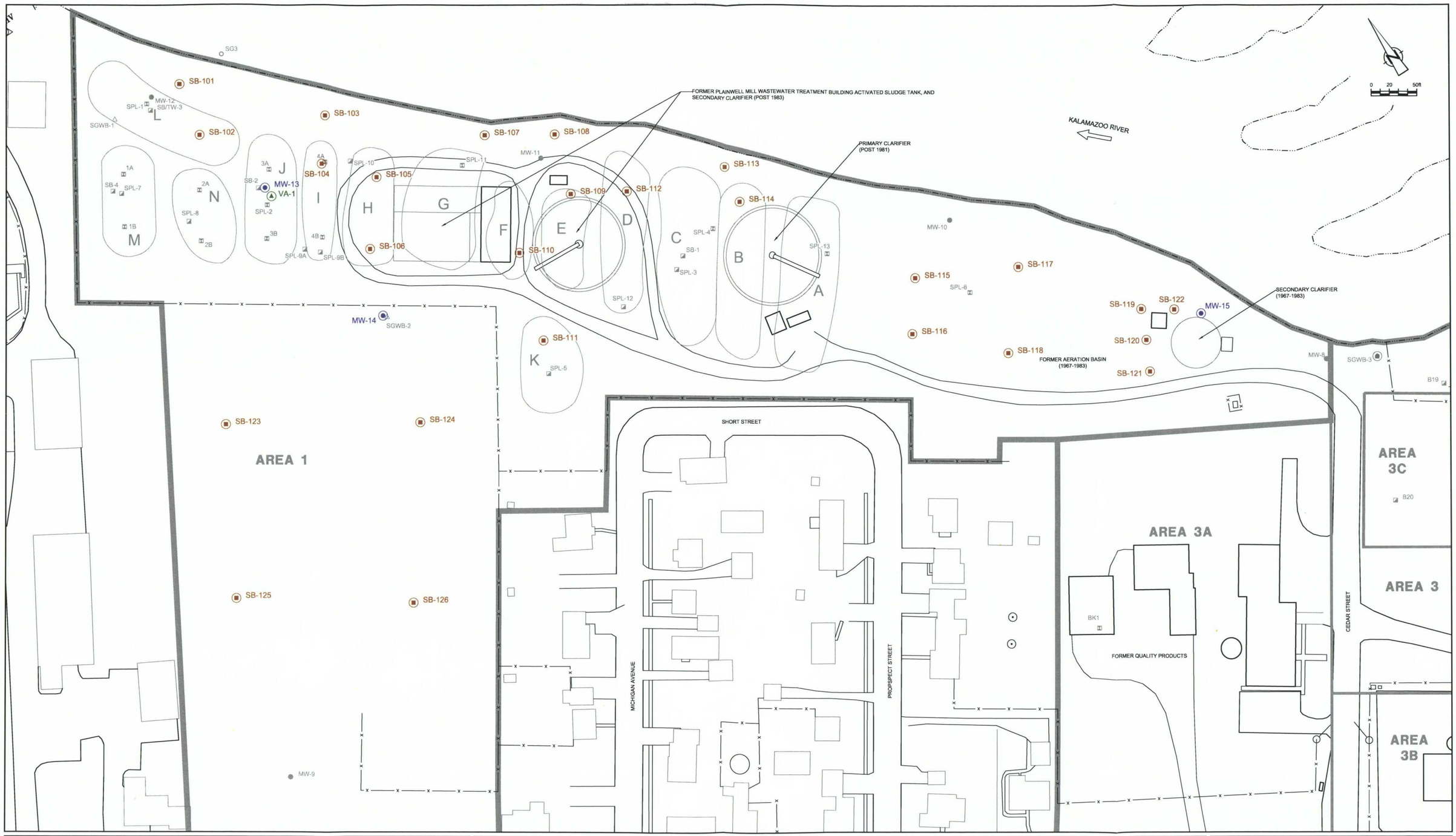
SITE-WIDE PROPOSED PHASE II SAMPLING LOCATIONS

PHASE II REMEDIAL INVESTIGATION WORK PLAN

FORMER PLAINWELL, INC MILL PROPERTY
PLAINWELL, MICHIGAN

CONESTOGA-ROVERS & ASSOCIATES

Source Reference:			Date: MAY 2009
Project Manager: G. CARLI	Reviewed By: E. STAHL	Designed By:	Drawn By: C. JACOBI
Scale: 1:100	Project No: 056394-04	Report No: 002	Drawing No: FIGURE 5.1



LEGEND

- AREA BOUNDARY
- SHORELINE
- FORMER WASTEWATER SLUDGE DEWATERING LAGOONS
- FENCELINE
- VEGETATION
- PROPOSED MONITORING WELL LOCATION
- PROPOSED SOIL BORING LOCATION
- PROPOSED VERTICAL AQUIFER TESTING LOCATION
- PREVIOUS SOIL SAMPLE LOCATION
- PREVIOUS SOIL BORING LOCATION
- PREVIOUS MONITORING WELL LOCATION
- PREVIOUS TEMPORARY WELL LOCATION
- PREVIOUS GROUNDWATER SAMPLE LOCATION
- PREVIOUS STAFF GAUGE LOCATION (APPROXIMATE)

NOTE: LOCATIONS IN WOODED AREAS ARE APPROXIMATE, ACTUAL LOCATIONS TO BE DETERMINED IN THE FIELD.

SCALE VERIFICATION: THIS BAR MEASURES 1" ON ORIGINAL. ADJUST SCALE ACCORDINGLY.

No	Revision	Date	Initial

Approved

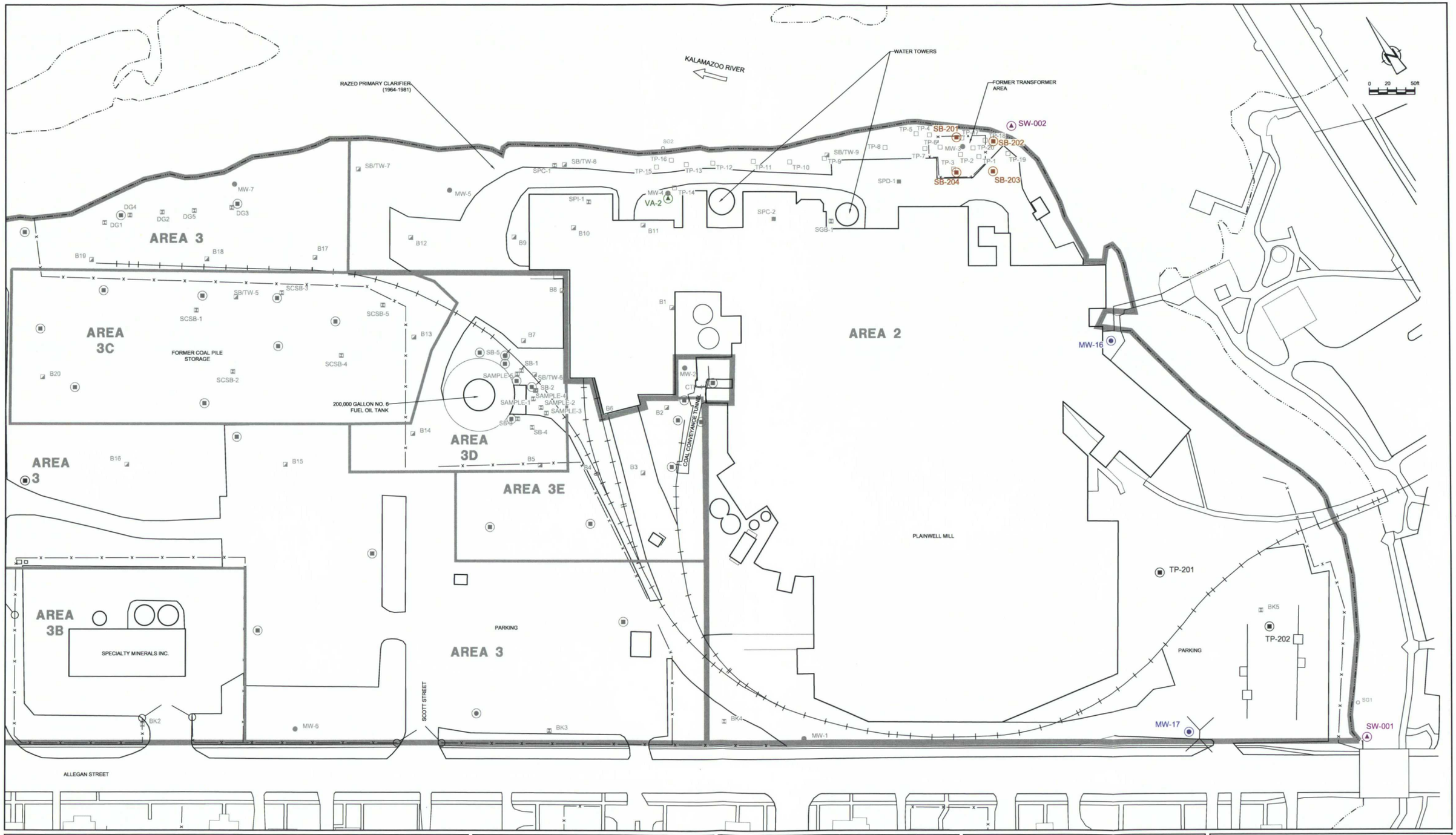
AREA 1 PROPOSED PHASE II SAMPLE LOCATIONS

PHASE II REMEDIAL INVESTIGATION WORK PLAN

FORMER PLAINWELL, INC MILL PROPERTY
PLAINWELL, MICHIGAN

CONESTOGA-ROVERS & ASSOCIATES

Source Reference:			Date:
RMT PROJ. 00-05121.03			MAY 2009
Project Manager: G. CARLI	Reviewed By: E. STAHL	Designed By:	Drawn By: C. JACOBI
Scale: 1:100	Project No: 056394-04	Report No: 002	Drawing No: FIGURE 5.2



LEGEND

- AREA BOUNDARY
- SHORELINE
- RAILWAY
- FENCELINE
- VEGETATION
- PROPOSED MONITORING WELL LOCATION
- PROPOSED SOIL BORING LOCATION
- PROPOSED SURFACE WATER SAMPLE LOCATION
- PROPOSED TEST PIT LOCATION
- PROPOSED VERTICAL AQUIFER TESTING LOCATION
- PREVIOUS SOIL SAMPLE LOCATION
- PREVIOUS SOIL BORING LOCATION
- PREVIOUS TEST PIT
- PREVIOUS SEDIMENT SAMPLE LOCATION
- PREVIOUS GROUNDWATER MONITORING WELL LOCATION
- PREVIOUS GROUNDWATER SAMPLE LOCATION
- PREVIOUS STAFF GAUGE LOCATION (APPROXIMATE)

SCALE VERIFICATION: THIS BAR MEASURES 1" ON ORIGINAL. ADJUST SCALE ACCORDINGLY.

No	Revision	Date	Initial

Approved

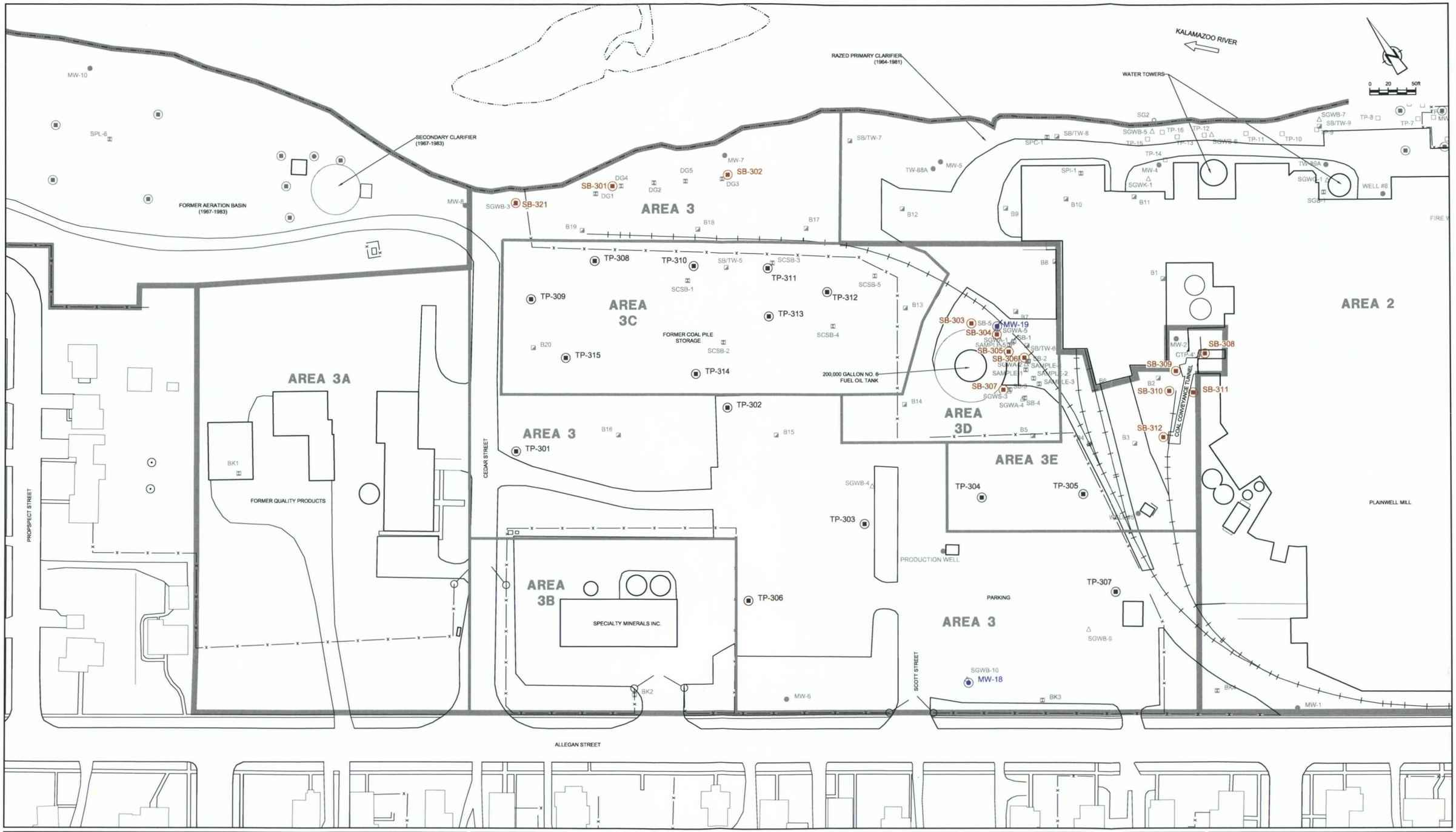
AREA 2 PROPOSED PHASE II SAMPLE LOCATIONS

PHASE II REMEDIAL INVESTIGATION WORK PLAN

FORMER PLAINWELL, INC MILL PROPERTY
PLAINWELL, MICHIGAN

CONESTOGA-ROVERS & ASSOCIATES

Source Reference:			Date:
RMT PROJ. 00-05121.03			MAY 2009
Project Manager: G. CARLI	Reviewed By: E. STAHL	Designed By:	Drawn By: C. JACOBI
Scale: 1:100	Project No: 056394-04	Report No: 002	Drawing No: FIGURE 5.3



LEGEND

- AREA BOUNDARY
- SHORELINE
- RAILWAY
- FENCELINE
- VEGETATION
- PROPOSED MONITORING WELL LOCATION
- PROPOSED SOIL BORING LOCATION
- PROPOSED TEST PIT LOCATION
- PREVIOUS SOIL SAMPLE LOCATION
- PREVIOUS SOIL BORING LOCATION
- PREVIOUS TEST PIT
- PREVIOUS SEDIMENT SAMPLE LOCATION
- PREVIOUS GROUNDWATER MONITORING WELL LOCATION
- PREVIOUS GROUNDWATER SAMPLE LOCATION
- PREVIOUS STAFF GAUGE LOCATION (APPROXIMATE)

SCALE VERIFICATION: THIS BAR MEASURES 1" ON ORIGINAL. ADJUST SCALE ACCORDINGLY.

No	Revision	Date	Initial

Approved

AREA 3 PROPOSED PHASE II SAMPLE LOCATIONS

PHASE II REMEDIAL INVESTIGATION WORK PLAN

FORMER PLAINWELL, INC MILL PROPERTY
PLAINWELL, MICHIGAN

CONESTOGA-ROVERS & ASSOCIATES

Source Reference:			Date:
RMT PROJ. 00-05121.03			MAY 2009
Project Manager: G. CARLI	Reviewed By: E. STAHL	Designed By:	Drawn By: C. JACOBI
Scale: 1:100	Project No: 056394-04	Report No: 002	Drawing No: FIGURE 5.4